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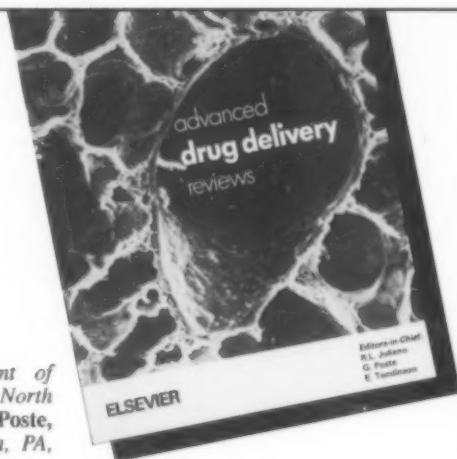
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the 1990s. The first is the impact of the 1992-93 Asian financial crisis on the Chinese economy. The second is the impact of the 1997-98 Asian financial crisis on the Chinese economy. The third is the impact of the 1999-00 Asian financial crisis on the Chinese economy. The fourth is the impact of the 2001-02 Asian financial crisis on the Chinese economy. The fifth is the impact of the 2003-04 Asian financial crisis on the Chinese economy. The sixth is the impact of the 2005-06 Asian financial crisis on the Chinese economy. The seventh is the impact of the 2007-08 Asian financial crisis on the Chinese economy. The eighth is the impact of the 2009-10 Asian financial crisis on the Chinese economy. The ninth is the impact of the 2011-12 Asian financial crisis on the Chinese economy. The tenth is the impact of the 2013-14 Asian financial crisis on the Chinese economy. The eleventh is the impact of the 2015-16 Asian financial crisis on the Chinese economy. The twelfth is the impact of the 2017-18 Asian financial crisis on the Chinese economy. The thirteenth is the impact of the 2019-20 Asian financial crisis on the Chinese economy. The fourteenth is the impact of the 2021-22 Asian financial crisis on the Chinese economy. The fifteenth is the impact of the 2023-24 Asian financial crisis on the Chinese economy.

The first impact of the 1992-93 Asian financial crisis on the Chinese economy was a sharp decline in foreign investment. This was due to the fact that many foreign investors were concerned about the stability of the Chinese economy. The second impact was a decline in exports. This was due to the fact that many Asian countries were experiencing a decline in demand for Chinese goods. The third impact was a decline in the value of the Chinese yuan. This was due to the fact that the Chinese government was forced to devalue the yuan in order to maintain its competitiveness. The fourth impact was a decline in the Chinese government's foreign reserves. This was due to the fact that the Chinese government was forced to sell off its foreign reserves in order to maintain the value of the yuan. The fifth impact was a decline in the Chinese government's credit rating. This was due to the fact that the Chinese government was perceived to be unable to meet its financial obligations.

The second impact of the 1997-98 Asian financial crisis on the Chinese economy was a sharp decline in foreign investment. This was due to the fact that many foreign investors were concerned about the stability of the Chinese economy. The third impact was a decline in exports. This was due to the fact that many Asian countries were experiencing a decline in demand for Chinese goods. The fourth impact was a decline in the value of the Chinese yuan. This was due to the fact that the Chinese government was forced to devalue the yuan in order to maintain its competitiveness. The fifth impact was a decline in the Chinese government's foreign reserves. This was due to the fact that the Chinese government was forced to sell off its foreign reserves in order to maintain the value of the yuan. The sixth impact was a decline in the Chinese government's credit rating. This was due to the fact that the Chinese government was perceived to be unable to meet its financial obligations.

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The fourth impact of the 2001-02 Asian financial crisis on the Chinese economy was a sharp decline in foreign investment. This was due to the fact that many foreign investors were concerned about the stability of the Chinese economy. The fifth impact was a decline in exports. This was due to the fact that many Asian countries were experiencing a decline in demand for Chinese goods. The sixth impact was a decline in the value of the Chinese yuan. This was due to the fact that the Chinese government was forced to devalue the yuan in order to maintain its competitiveness. The seventh impact was a decline in the Chinese government's foreign reserves. This was due to the fact that the Chinese government was forced to sell off its foreign reserves in order to maintain the value of the yuan. The eighth impact was a decline in the Chinese government's credit rating. This was due to the fact that the Chinese government was perceived to be unable to meet its financial obligations.

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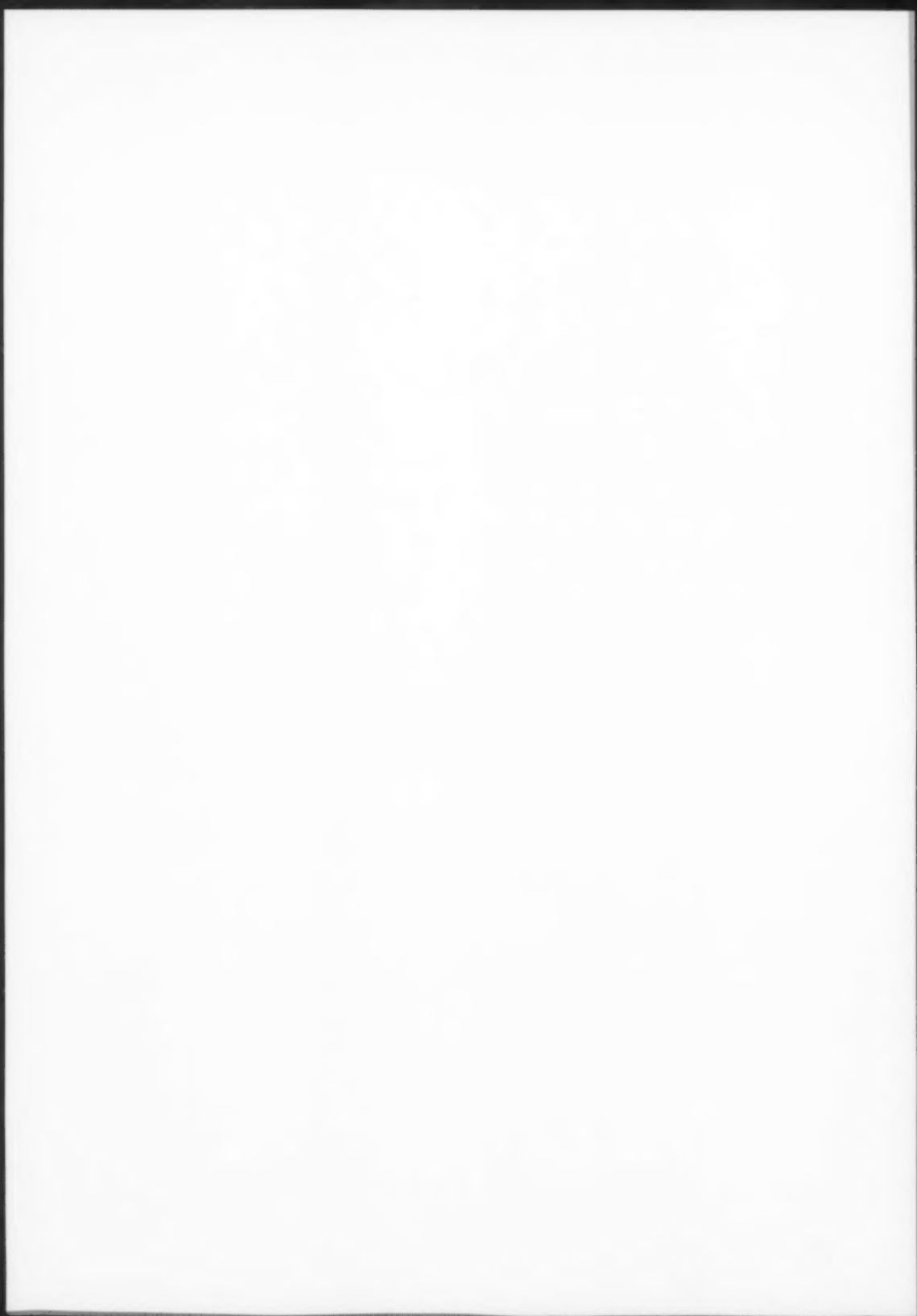
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delta-Aminolevulinic acid dehydratase

Alcohol; Enzyme inhibitor; Enzyme reactivator; delta-Aminolevulinic acid; Coproporphyrin (Sieg, I. (202) 211)

Aminopeptidase

Human kidney (Mantle, D. (196) 135)

Protease; Peptidase; Muscle (Mantle, D. (197) 35)

Aminopeptidase A

Serum (Okuyama, T. (196) 207)

Aminopeptidase P

Dipeptidyl peptidase IV; Leukocyte; Lymphocyte; Phytohemagglutinin stimulation (Hendriks, D. (196) 87)

Aminopterin

Methotrexate; Diarrhea; Small intestine; Prostaglandin; Rat (Weiler, H. (199) 283)

Ammonia assay

Ornithine carbamyl transferase; Liver mitochondria; Glutamate dehydrogenase; Mitochondrial aspartate aminotransferase (Peltenburg, H.G. (203) 395)

Amniotic fluid

Affinity chromatography; Immunoelectrophoresis; Pregnancy proteins (Sørensen, S. (202) 199)

Acetylcholinesterase; Butyrylcholinesterase; Choline; Enzyme electrode (Morelis, R.M. (203) 295)

alpha-Amylase

3-Ketobutyridene beta-2-chloro-4-nitrophenyl-maltopentaoside (Teshima, S. (199) 23)

Amyloid

beta-2-Microglobulin; Dementia; Dialysis (Annunziata, P. (201) 139)

Amyloidosis

Serum amyloid P component; Renal failure; Hemodialysis; Continuous ambulatory peritoneal dialysis (Nelson, S.R. (200) 191)

Anaesthesia

F-protein; Hepatitis; Liver; Halothane; Isoflurane (Cooper, C.M. (202) 73)

Analgesic

Polyprenoid; Exercise; Sauna (Roine, R. (204) 13)

Angiotensin

Diuretics; Kidney; Renin; Sodium; Urine (Boer, P. (199) 195)

h-ANP

In vitro stability; Aprotinin; Phosphoramidon (Artner-Dworzak, E. (203) 235)

Anti-acetylcholine receptor antibody

Anti-skeletal muscle antibody; *Myasthenia gravis*; Thymoma (Ohta, M. (201) 201)

Antibody

Celiac disease; Cellular immunity; Gluten; Gliadin; Wheat (Penttilä, I.A. (204) 95)

Celiac disease; Cellular immunity; Wheat; Cereals; Maize (Skerritt, J.H. (204) 109)

Molecular mimicry; Rheumatoid arthritis; BSA (Pérez-Maceda, B. (203) 153)

Anticoagulants

Plasma; Heparin; Free fatty acids (McGann, A.M. (197) 265)

Antioxidant enzymes

Asthma bronchiale; Red blood cells; Oxidative sensitivity; Lipid peroxidation (Novák, Z. (201) 247)

Antioxidative enzymes

Unstable hemoglobin; Free radicals; Peroxidation; Membrane fluidity; Splenectomy (Falcioni, G. (196) 153)

Erythrocyte; Down's syndrome; Proteolysis (Bartos, G. (198) 239)

Anti-skeletal muscle antibody

Myasthenia gravis; Thymoma; Anti-acetylcholine receptor antibody (Ohta, M. (201) 201)

 α_1 -Antitrypsin

Elastase; Fulminant hepatic failure; Infection (Langley, P.G. (200) 211)

Apo A1

Apo B; Immunoturbidimetry; Rate nephelometry (Glueck, C.J. (197) 121)

Apo B

Apo A1; Immunoturbidimetry; Rate nephelometry (Glueck, C.J. (197) 121)

Apoenzyme

Erythrocyte; Transketolase; Thiamine diphosphate; Thiamine (Price, J. (202) 39)

Apolipoprotein A

Lecithin:cholesterol-acyltransferase; Glycation (Gugliucci, A. (204) 37)

Apolipoprotein B

DNA polymorphism; Coronary heart disease (Mendis, S. (196) 107)

Enzyme linked immunosorbent assay; Apolipoprotein E; Cerebrospinal fluid; Neurological diseases (Carlsson, J. (196) 167)

Apolipoprotein E

Genotype/phenotype; Diabetes mellitus (Snowden, C. (196) 49)

Enzyme linked immunosorbent assay; Apolipoprotein B; Cerebrospinal fluid; Neurological diseases (Carlsson, J. (196) 167)

Postmortem change; Storage; Isoelectric focusing; Immunoblotting (Lehtimäki, T. (203) 177)

Apolipoprotein

Turbidimetric immunoassay; Reference values; Age- and sex-related differences; Japanese subjects (Noma, A. (199) 147)

Apoprotein

Very low density lipoprotein; Lipoprotein lipase; Fatty acid (Saheki, S. (204) 155)

Aprotinin

h-ANP; In vitro stability; Phosphoramidon (Artner-Dworzak, E. (203) 235)

Aqueous humor

Glaucoma; Lysosomal enzymes; Cataracts (Weinreb, R.N. (199) 1)

Arachidonic acid

Cholesterol gallstones; Deoxycholic acid; Pigment gallstones (Van Erpecum, K.J. (199) 295)

Diabetes mellitus; Diabetic retinopathy; Eicosapentaenoic acid; Non-esterified fatty acid; Platelet aggregation (Myrup, B. (204) 251)

Arachnoid

Acute lymphoblastic leukemia; Corticosteroids; Fibroproliferative response; Intraspinal injections; Methotrexate (Vainionpää, L. (203) 47)

Aryl-sulfatase

Lysosomal enzymes; β -N-Acetylglucosaminidase; β -Glucuronidase; Saphen (Hayer, M. (203) 343)

Arylsulfatase A

Metachromatic leukodystrophy; Gaucher disease; Tay-Sachs disease; Polymerase chain reaction; Pseudodeficiency; Lysosomal disorders (Louie, E. (199) 7)

Cerebrosidase sulfatase; Arylsulfatase B; Metachromatic leukodystrophy; Mucopolysaccharidosis type VI (Maroteaux-Lamy syndrome); Multiple sulfatase deficiency; Lymphoid cell lines (Tempesta, M.-C. (202) 149)

Radioimmunoassay; Serum concentration; Cancer (Laidler, P. (204) 69)

Arylsulfatase B

Arylsulfatase A; Cerebroside sulfatase; Metachromatic leukodystrophy; Mucopolysaccharidosis type VI (Maroteaux-Lamy syndrome); Multiple sulfatase deficiency; Lymphoid cell lines (Tempesta, M.-C. (202) 149)

Aspartoacylase

Canavan's disease; Leukodystrophy; Spongy degeneration of brain (Barash, V. (201) 175)

Asthma bronchiale

Red blood cells; Oxidative sensitivity; Antioxidant enzymes; Lipid peroxidation (Novák, Z. (201) 247)

Asthma

Age; α_2 -Macroglobulin; Elastase (Kilroe-Smith, T.A. (202) 47)

Asymptomatic Gaucher disease

Urinary glucocerebrosidase; Gaucher disease; Carrier detection; Lysosomal storage disorder; β -Glucosidase; Glycosphingolipidosis (Aerts, J.M.F.G. (203) 349)

Atherogenic risk factor

Cerebrotendinous xanthomatosis; Serum lipid; Lipoprotein; Coronary artery disease; Atherosclerosis (Fujiyama, J. (200) 1)

Atherosclerosis

Cerebrotendinous xanthomatosis; Atherogenic risk factor; Serum lipid; Lipoprotein; Coronary artery disease (Fujiyama, J. (200) 1)

Atherosclerotic

Human aortic elastin; Lipid; Cation; Elastolysis (Saulnier, J.M. (200) 129)

Atomic absorption spectrometry

Iron; Serum; Deproteinization (De Benzo, Z.A. (197) 139)

Atrial natriuretic peptide

Cyclic guanosine monophosphate; Chronic obstructive pulmonary disease (Rota, M. (201) 75)

Automated procedure

β -N-Acetylhexosaminidase; Human cerebrospinal fluid; Human serum; Multiple sclerosis (Datti, A. (200) 73)

Autooxidation of L-3,4-dihydroxyphenylalanine to carbon monoxide

Head-space gas chromatography; Oxidant/antioxidant properties of drugs (Cooper, M.J. (202) 105)

Avidin-biotin

Purine metabolism; Allele specific oligonucleotide; Dot-blot hybridization; Germline mutation; Urolithiasis; Chemiluminescence (Kawaguchi, R. (203) 183)

Azopigments

Bilirubin; Biliprotein; Gel-chromatography; Total bilirubin; Accuracy (Franzini, C. (203) 339)

B

Bacteremia

Creatine kinase; Activation energy; Infective endocarditis (De Scheerder, I.K. (197) 115)

Bacterium BN11

Creatinine deiminase; Serum; Urine (Gottschalk, E.M. (204) 223)

Band 3 protein

Erythrocyte; Hemoglobin; Aldolase (Retelewska, W. (198) 255)

Beclomethasone

Bone alkaline phosphatase; Corticosteroid; Cyclosporin (Van Straalen, J.P. (201) 27)

Benign clonal proliferations

Immunoglobulin genes; T cell receptor genes; Gene rearrangement; Southern blot analysis; Lymphoid differentiation; Leukemias; Malignant lymphomas; Clonality; Oligoclonality; Clonal progression; Lineage infidelity; Immunodeficiency; Richter's syndrome; Minimal residual disease (Van Dongen, J.J.M. (198) 93)

Betaine

Betaine:homocysteine methyltransferase; Lymphocyte; Fibroblast; Homocysteine; Vascular disease (Wang, J. (204) 239)

Betaine:homocysteine methyltransferase

Lymphocyte; Fibroblast; Betaine; Homocysteine; Vascular disease (Wang, J. (204) 239)

Bile acid biosynthesis

Cholesterol 7 α -hydroxylase; Lipid transfer protein, nonspecific; Gallstone (Kawata, S. (197) 201)

Bile acids

Peroxisomal disorder; Inborn error; Zellweger syndrome; Peroxisome; Peroxisomal β -oxidation (Wanders, R.J.A. (202) 123)

Stable isotope labeling; Glycosylation (Matern, S. (203) 77)

Bilirubin

Bilirubin; Azopigments; Gel-chromatography; Total bilirubin; Accuracy (Franzini, C. (203) 339)

Bilirubin

Biliprotein; Azopigments; Gel-chromatography; Total bilirubin; Accuracy (Franzini, C. (203) 339)

Bilirubin distribution

High-performance liquid chromatography (HPLC); Albumin; β -Lipoprotein (Šoltés, L. (201) 35)

Biogenic amine

Phenethylamine; Hepatic encephalopathy; Liver cirrhosis; Liver disease (Yonekura, T. (199) 91)

Biological fluids

Fluorescence assay; Fludarabine (Kemena, A. (200) 95)

Biological sample

Urobilinogen (urobilin) determination; Zinc complex (Kotal, P. (202) 1)

Bioluminescence enzymatic analysis

Serum bile acid; Fluorescence enzymatic analysis; Gas chromatography-mass spectrometry (Rossi, S.S. (200) 63)

Biotinidase

Isozyme; Isoform; Serum protein; Immunoblotting (Hart, P.S. (197) 257)

Biotin

Immunochemical assay (Thuy, L.P. (202) 191)

Bisalbuminemia

Alloalbuminemia; Albumins IRE1 and IRE2; Albumin Dublin; Point mutations; Albumin genetic variants (Sakamoto, Ya. (204) 179)

Bismuth in blood and serum

Platinum; EAAS; Matrix modification; Storage (Slikkerveer, A. (201) 17)

Blood

Electrophoresis; Ethanol; Fucose; Haptoglobin; Lectin; Tobacco (Thompson, S. (201) 59)

Blood cells

Histiocytosis X; Monocyte; Lymphocyte; LDH; MDH (Perlino, E. (200) 153)

Blood glycolic acid

Glycolic acid; Glyoxylic acid; Primary hyperoxaluria; Oxalosis; Chronic renal failure (Petra-
rulo, M. (196) 17)

Blood sample

Glyoxylase (McLellan, A.C. (204) 137)

Blood serum

Flow injection analysis; 8-Port injection valve;
Glucose (Araujo, A.N. (203) 67)

Boc-tyrosyl-peptidoglycan monomer

Radioimmunoassay; Peptidoglycan monomer
(Vranešić, B. (202) 23)

Body fat distribution

Obesity; Serum lipoprotein; Age (Sönnichsen,
A.C. (202) 133)

Bone alkaline phosphatase

Corticosteroid; Cyclosporin; Beclomethasone
(Van Straalen, J.P. (201) 27)

Bone disease

Alkaline phosphatase; Liver disease; Reference
interval; Affinity chromatography; Immunoassay
(Gonchoroff, D.G. (199) 43)

Bone marrow transplantation

Lactoferrin; Plasma lactoferrin; Enzyme im-
munoassay (Suzuki, T. (202) 111)

Brain natriuretic peptide

Congestive heart failure; Human spinal cord
(Togashi, K. (201) 193)

Breast cancer

Tumor marker; Carcinoma associated mucin
antigens; CA15-3; CEA (Dnistrian, A.M. (200)
81)

Bromine

VLDL-C; Triglycerides (Corrigan, F.M. (204)
301)

Bronchial asthma

Bronchoalveolar lavage; Epithelial lining fluid;
Respiratory membrane permeability; Sarcoido-
sis; Pneumocystis carinii pneumonitis (Van de
Graaf, E.A. (196) 27)

Bronchoalveolar lavage

Epithelial lining fluid; Respiratory membrane
permeability; Sarcoidosis; Bronchial asthma;
Pneumocystis carinii pneumonitis (Van de
Graaf, E.A. (196) 27)

BSA

Molecular mimicry; Rheumatoid arthritis; Anti-
body (Pérez-Maceda, B. (203) 153)

Butyrylcholinesterase

Acetylcholinesterase; Amniotic fluid; Choline;
Enzyme electrode (Morelis, R.M. (203) 295)

C

CA15-3

Breast cancer; Tumor marker; Carcinoma associated mucin antigens; CEA (Dnistrian, A.M. (200) 81)

Calcium

Skeletal muscle; Damage; Cytosolic protein (Jackson, M.J. (197) 1)

Ion selective electrode; Saliva (Lagerlöf, F. (198) 175)

Calcium binding protein

Vitamin D-dependent; Immunoassay (Zhu, Y. (201) 183)

Calcium oxalate nephrolithiasis

Protein-bound Gla urinary content; Nephrocalcin; Calcium stone formation inhibitors (Colette, C. (204) 43)

Calcium oxalates

Calculi; Raman (Sudlow, K. (203) 387)

Calcium stone formation inhibitors

Protein-bound Gla urinary content; Calcium oxalate nephrolithiasis; Nephrocalcin (Colette, C. (204) 43)

Calculi

Raman; Calcium oxalates (Sudlow, K. (203) 387)

Canavan's disease

Aspartoacylase; Leukodystrophy; Spongy degeneration of brain (Barash, V. (201) 175)

Cancer

Arylsulfatase A; Radioimmunoassay; Serum concentration (Laidler, P. (204) 69)

Carcinoma associated mucin antigens

Breast cancer; Tumor marker; CA15-3; CEA (Dnistrian, A.M. (200) 81)

Carnitine

Sudden infant death syndrome; Medium chain acylCoA dehydrogenase deficiency; Neonatal screening (Barns, R.J. (197) 27)

Isovaleric acidemia; Prenatal diagnosis; Tandem mass spectrometry (Shigematsu, Y. (203) 369)

Inherited metabolic disorder; Organic aciduria; Propionic acidemia; Methylmalonic aciduria; NMR spectroscopy (Davies, S.E.C. (204) 263)

Carrier detection

Mevalonic aciduria; Cholesterol biosynthesis; Prenatal diagnosis; Stable isotope dilution assay (Hoffmann, G.F. (198) 209)

Urinary glucocerebrosidase; Gaucher disease; Asymptomatic Gaucher disease; Lysosomal storage disorder; β -Glucosidase; Glycosphingolipidosis (Aerts, J.M.F.G. (203) 349)

Carrington's disease

Eosinophil-derived basic proteins; Urine; Ribonuclease activity (Deviller, P. (201) 105)

Castleman disease

Hypogalactosylation; IgG; Oligosaccharide; Interleukin 6 (Nakao, H. (197) 221)

Cataracts

Aqueous humor; Glaucoma; Lysosomal enzymes (Weinreb, R.N. (199) 1)

Cation

Human aortic elastin; Atherosclerotic; Lipid; Elastolysis (Saulnier, J.M. (200) 129)

 ^{14}C -breath test

$^{14}\text{CO}_2$; $^{14}\text{CO}_2$ collection system (Peled, Y. (202) 83)

CEA

Breast cancer; Tumor marker; Carcinoma associated mucin antigens; CA15-3 (Dnistrian, A.M. (200) 81)

Celiac disease

Cellular immunity; Antibody; Gluten; Gliadin; Wheat (Penttilä, I.A. (204) 95)

Cellular immunity; Antibody; Wheat; Cereals; Maize (Skerritt, J.H. (204) 109)

Cellite

Norethindrone; Ethinyl estradiol; Radioimmunoassay; Sephadex LH-20; Chromatography (Zacur, H.A. (204) 209)

Cell adhesion peptide

Platelet aggregation; Fibronectin; Diabetic retinopathy; Glaucoma; Retinal vein occlusion (Babizhayev, M.A. (196) 77)

Cellular immunity

Celiac disease; Antibody; Gluten; Gliadin; Wheat (Penttilä, I.A. (204) 95)

Celiac disease; Antibody; Wheat; Cereals; Maize (Skerritt, J.H. (204) 109)

Cereals

Celiac disease; Cellular immunity; Antibody; Wheat; Maize (Skerritt, J.H. (204) 109)

Cerebroside sulfatase

Arylsulfatase A; Arylsulfatase B; Metachromatic leukodystrophy; Mucopolysaccharidosis type VI (Maroteaux-Lamy syndrome); Multiple sulfatase deficiency; Lymphoid cell lines (Tempesta, M.-C. (202) 149)

Cerebroside sulfate sulfatase

[1-¹⁴C]Acyl-sphingosine-galactose-3-sulfate; Radioactive sulfatides; Radioscanning; Metachromatic leukodystrophy (Masson, M. (201) 157)

Cerebrospinal fluid

Enzyme linked immunosorbent assay; Apolipoprotein E; Apolipoprotein B; Neurological diseases (Carlsson, J. (196) 167)

Transthyretin; Prealbumin; ELISA (Vatassery, G.T. (197) 19)

Gangliosides; Sulfatide; Immunoaffinity; Cholera toxin; Monoclonal antibody (Davidsson, P. (197) 103)

gamma-Aminobutyric acid; Reference values; Childhood; Ion-exchange chromatography; Fluorescence detection (Carchon, H.A. (201) 83)

Cerebrotendinous xanthomatosis

(Kosaka, D. (199) 83)

Atherogenic risk factor; Serum lipid; Lipoprotein; Coronary artery disease; Atherosclerosis (Fujiyama, J. (200) 1)

Ceruloplasmin activity

Lactate; Acute organ system failure (Dauberschmidt, R. (199) 167)

 $\Lambda\gamma^T$ -chain

IEF; Hb F Sardinia; β -thalassemia; HPFH (Masala, B. (198) 195)

Chemiluminescence

Purine metabolism; Allele specific oligonucleotide; Dot-blot hybridization; Germline mutation; Urolithiasis; Avidin-biotin (Kawaguchi, R. (203) 183)

Childhood

gamma-Aminobutyric acid; Reference values; Cerebrospinal fluid; Ion-exchange chromatography; Fluorescence detection (Carchon, H.A. (201) 83)

Children

Lactase; Jejunal fluid; Tissue source (Quak, S.H. (204) 145)

Chiral gas chromatography

Amino acids; Short bowel syndrome (Ketting, D. (204) 79)

Cholecystokinin

Pancreatitis (Springer, C.J. (198) 245)

Cholera toxin

Cerebrospinal fluid; Gangliosides; Sulfatide; Immunoaffinity; Monoclonal antibody (Davidson, P. (197) 103)

Cholesterol

Platelet activating factor (PAF); PAF acetylhydrolase; Low density lipoprotein; High density lipoprotein (Sato, K. (202) 95)

Cholesterol 7 α -hydroxylase

Lipid transfer protein, nonspecific; Gallstone; Bile acid biosynthesis (Kawata, S. (197) 201)

Cholesterol biosynthesis

Mevalonic aciduria; Prenatal diagnosis; Carrier detection; Stable isotope dilution assay (Hoffmann, G.F. (198) 209)

Cholesterol gallstones

Arachidonic acid; Deoxycholic acid; Pigment gallstones (Van Erpecum, K.J. (199) 295)

Cholesteryl ester

Simvastatin; Lipoprotein metabolism; Compartmental analysis; Modelling; (human) (Magot, T. (196) 59)

Cholic acid

Deoxycholic acid (Fischer, S. (203) 269)

Choline

Acetylcholinesterase; Butyrylcholinesterase; Amniotic fluid; Enzyme electrode (Morelis, R.M. (203) 295)

Chromatography

Norethindrone; Ethinyl estradiol; Radioimmunoassay; Sephadex LH-20; Celite (Zacur, H.A. (204) 209)

Chromogenic substrate

Whole blood; Endotoxin; β -D-Glucan; Limulus test; Gram-negative bacterial sepsis (Tamura, H. (200) 35)

Chronic bacterial infection

α_1 -Acid glycoprotein; Glycosylation; Acute bacterial infection (Fassbender, K. (203) 315)

Chronic liver diseases

Hepatic fibrosis; Procollagen III; Collagen peptidase (Müller, A. (197) 59)

Chronic obstructive pulmonary disease

Atrial natriuretic peptide; Cyclic guanosine monophosphate (Rota, M. (201) 75)

Chronic renal failure

Glycolic acid; Glyoxylic acid; Blood glycolic acid; Primary hyperoxaluria; Oxalosis (Petrarulo, M. (196) 17)

Cigarette smoking

Thiocyanate:creatinine ratio; Urine (PrJe, J. (204) 87)

Cigarettes low-yield

Urine; Cotinine; HPLC; Colorimetric assay; Smoking (Kolonen, S.A. (196) 159)

Cirrhosis

Serum arylesterase; Monoclonal antibody; ELISA (Kawai, H. (202) 219)

Clinical analysis

Erythrocyte; Rheumatoid arthritis; Graves' Disease; Glutathione (Reglinski, J. (201) 45)

Clonal progression

Immunoglobulin genes; T cell receptor genes; Gene rearrangement; Southern blot analysis; Lymphoid differentiation; Leukemias; Malignant lymphomas; Clonality; Oligoclonality; Lineage infidelity; Immunodeficiency; Benign clonal proliferations; Richter's syndrome; Minimal residual disease (Van Dongen, J.J.M. (198) 93)

Clonal proliferation

Immunoglobulin genes; T cell receptor genes; Gene rearrangement; Receptor diversity; Southern blot analysis; Clonality; DNA extraction; Restriction enzymes; Restriction maps; DNA probes; IgH genes; Ig κ genes; Ig λ genes; TcR- β genes; TcR- γ genes; TcR- δ genes; Genetic polymorphism; Detection limit (Van Dongen, J.J.M. (198) 1)

Clonality

Immunoglobulin genes; T cell receptor genes; Gene rearrangement; Receptor diversity; Southern blot analysis; Clonal proliferation; DNA extraction; Restriction enzymes; Restriction maps; DNA probes; IgH genes; Ig κ genes; Ig λ genes; TcR- β genes; TcR- γ genes; TcR- δ genes; Genetic polymorphism; Detection limit (Van Dongen, J.J.M. (198) 1)

Immunoglobulin genes; T cell receptor genes; Gene rearrangement; Southern blot analysis; Lymphoid differentiation; Leukemias; Malignant lymphomas; Oligoclonality; Clonal progression; Lineage infidelity; Immunodeficiency; Benign clonal proliferations; Richter's syndrome; Minimal residual disease (Van Dongen, J.J.M. (198) 93)

Clostridia

Sialidase (Neuraminidase); Sialidase antibodies; Myonecrosis, Diagnosis; ELISA; Patients (Roggentin, P. (196) 97)

CMP-9-fluoresceinyl-NeuAc

Sialyltransferase; Human plasma; Fluorometric assay; Acceptor specificity (Gross, H.J. (197) 237)

$^{14}\text{CO}_2$

^{14}C -breath test; $^{14}\text{CO}_2$ collection system (Peled, Y. (202) 83)

Coagulation

Glycometabolic control; Fibrinolysis (Van Wersch, J.W.J. (201) 99)

 $^{14}\text{CO}_2$ collection system

^{14}C -breath test; $^{14}\text{CO}_2$ (Peled, Y. (202) 83)

Collagen peptidase

Hepatic fibrosis; Chronic liver diseases; Procollagen III (Müller, A. (197) 59)

Collagenase

Type III collagen; Collagenolytic enzyme; Fibril assay; Lung cancer (Kawamura, M. (203) 225)

Collagenolytic enzyme

Type III collagen; Collagenase; Fibril assay; Lung cancer (Kawamura, M. (203) 225)

Colon

Hydrogen sulphide; Sulphate reduction; Human feces; Sulphidogenesis; Methanogenesis (Florin, T.H.J. (196) 127)

Feces; Glycoconjugate; Glycoprotein; Mucin; Mucus (Clamp, J.R. (203) 243)

Colorimetric assay

Urine; Cotinine; HPLC; Smoking; Cigarettes low-yield (Kolonen, S.A. (196) 159)

Compartmental analysis

Cholesteryl ester; Simvastatin; Lipoprotein metabolism; Modelling; (human) (Magot, T. (196) 59)

Computer-fitting

Isoenzyme; Myocardial infarction; Human; Creatine kinase; Subform (Christenson, R.H. (200) 23)

Concanavalin A

α_1 -Acid glycoprotein; Orosomucoid; Microheterogeneity; Human fetus (Seta, N. (203) 167)

Congenital hypothyroidism

Neonatal screening; Fluorometric enzyme immunoassay (Tuuminen, T. (202) 167)

Congestive heart failure

Brain natriuretic peptide; Human spinal cord (Togashi, K. (201) 193)

Continuous ambulatory peritoneal dialysis

Serum amyloid P component; Amyloidosis; Renal failure; Hemodialysis (Nelson, S.R. (200) 191)

Contractile activity

Creatine kinase release; Skeletal muscle; Rat (West-Jordan, J.A. (203) 119)

Coproporphyrin

δ -aminolevulinic acid dehydratase; Alcohol; Enzyme inhibitor; Enzyme reactivator; δ -Aminolevulinic acid (Sieg, I. (202) 211)

Coronary artery disease

Cerebrotendinous xanthomatosis; Atherogenic risk factor; Serum lipid; Lipoprotein; Atherosclerosis (Fujiyama, J. (200) 1)

Coronary heart disease

Apolipoprotein B; DNA polymorphism (Mendis, S. (196) 107)

Hypercholesterolemia; Low density lipoprotein; Receptor (Joven, J. (197) 67)

Hypothyroidism; Subclinical hypothyroidism; Hyperlipoproteinemia; Thyroid-stimulating hormone (Glueck, C.J. (201) 113)

Lipid profiles; Low density lipoprotein cholesterol (LDLC); High density lipoprotein cholesterol (HDLC); Lipid Research Clinics (LRC) cholesterol; Standardization program (Mace, R. (204) 189)

Coronary heart disease (CHD)

Hypercholesterolemia; HMG-CoA reductase inhibitor; Pravastatin; Lp (a); Acute-phase response (Fieseler, H.-G. (204) 291)

Corticosteroid

Bone alkaline phosphatase; Cyclosporin; Betamethasone (Van Straalen, J.P. (201) 27)

Corticosteroids

Acute lymphoblastic leukemia; Arachnoid; Fibroproliferative response; Intraspinal injections; Methotrexate (Vainionpää, L. (203) 47)

Cot death

3-Hydroxy-3-methylglutaric aciduria; Organic acids; Gas chromatography-mass spectrometry; Silylation; Derivatization; Urine analysis (Mills, G.A. (204) 131)

Cotinine

Urine; HPLC; Colorimetric assay; Smoking; Cigarettes low-yield (Kolonen, S.A. (196) 159)

Coulter Counter

Crystalluria; Microscopic examination (Hennequin, C. (200) 227)

C-Peptide

Rapid method; Radioimmunoassay; Plasma (Sælsén, L. (196) 1)

Creatine kinase

Macro creatine kinase; Creatine kinase isozyme; Creatine kinase subform; Immunoglobulin A; Immune complex (Kanemitsu, F. (197) 9)

Activation energy; Bacteremia; Infective endocarditis (De Scheerder, I.K. (197) 115)

Isoenzyme; Myocardial infarction; Human; Subform; Computer-fitting (Christenson, R.H. (200) 23)

Creatine kinase isozyme

Creatine kinase; Macro creatine kinase; Creatine kinase subform; Immunoglobulin A; Immune complex (Kanemitsu, F. (197) 9)

Creatine kinase release

Contractile activity; Skeletal muscle; Rat (West-Jordan, J.A. (203) 119)

Creatine kinase subform

Creatine kinase; Macro creatine kinase; Creatine kinase isozyme; Immunoglobulin A; Immune complex (Kanemitsu, F. (197) 9)

Creatinine deiminase

Serum; Urine; Bacterium BN11 (Gottschalk, E.M. (204) 223)

Crossed affino-immunoelectrophoresis

α_1 -Acid glycoprotein; Elderly; Microheterogeneity (Kawerk, N. (202) 65)

Crystal inhibitor

Urolithiasis; Urine; *Proteus mirabilis*; Struvite; Pyrophosphate (McLean, R.J.C. (200) 107)

Crystalluria

Coulter Counter; Microscopic examination (Hennequin, C. (200) 227)

Cultured GHRH-producing tumor cells

GHRH(1-29)-Gly₄-Cys-NH₂; GHRH RIA; Plasma GHRH level (Zhang, C.-y. (202) 243)

Cyclic guanosine monophosphate

Atrial natriuretic peptide; Chronic obstructive pulmonary disease (Rota, M. (201) 75)

Cyclodextrin

Serum lipoprotein; Electrophoresis; Turbidimetry (Sharma, A. (199) 129)

Cyclosporin

Bone alkaline phosphatase; Corticosteroid; Beclomethasone (Van Straalen, J.P. (201) 27)

Cysteine

Cystinuria; Cystine; HPLC (Birwé, H. (199) 33)

Cystic fibrosis

Peroxide-induced haemolysis; Vitamin E (James, D.R. (204) 279)

Cystine

Cystinuria; Cysteine; HPLC (Birwé, H. (199) 33)

Cystinuria

Cysteine; Cystine; HPLC (Birwé, H. (199) 33)

Cytochrome c

X-linked muscular dystrophy; Respiratory chain (Nigro, G. (202) 89)

Cytokine

Neopterin; Pterins; Inflammatory disease; Interferon (Müller, M.M. (201) 1)

Cytosolic protein

Skeletal muscle; Damage; Calcium (Jackson, M.J. (197) 1)

D

Damage

Skeletal muscle; Cytosolic protein; Calcium (Jackson, M.J. (197) 1)

Dementia

beta-2-Microglobulin; Amyloid; Dialysis (Annunziata, P. (201) 139)

Density gradient ultracentrifugation

Familial hypercholesterolemia; LDL subfractions; Sex difference (Tilly-Kiesi, M.K. (201) 65)

Deoxycholic acid

Arachidonic acid; Cholesterol gallstones; Pigment gallstones (Van Erpecum, K.J. (199) 295)

Cholic acid (Fischer, S. (203) 269)

Deproteinization

Iron; Serum; Atomic absorption spectrometry (De Benzo, Z.A. (197) 139)

Derivatization

3-Hydroxy-3-methylglutaric aciduria; Organic acids; Gas chromatography-mass spectrometry; Silylation; Urine analysis; Cot death (Mills, G.A. (204) 131)

Detection limit

Immunoglobulin genes; T cell receptor genes; Gene rearrangement; Receptor diversity; Southern blot analysis; Clonality; Clonal proliferation; DNA extraction; Restriction enzymes; Restriction maps; DNA probes; IgH genes; Igκ genes; IgA genes; TcR-β genes; TcR-γ genes; TcR-δ genes; Genetic polymorphism (Van Dongen, J.J.M. (198) 1)

Detoxification enzymes

Myocardial infarction; Lipid peroxide; Malondialdehyde (Loeper, J. (196) 119)

Dextran-sulfate

Homozygous familial hypercholesterolemia; LDL-apheresis; Fibronectin (Erlich, D. (201) 169)

Diabetes

β-Hexosaminidase; Isoenzymes; Nephropathy; Plasma; Retinopathy (Hultberg, B. (196) 177)

Diabetes mellitus

Apolipoprotein E; Genotype/phenotype (Snowden, C. (196) 49)

Arachidonic acid; Diabetic retinopathy; Eicosapentaenoic acid; Non-esterified fatty acid; Platelet aggregation (Myrup, B. (204) 251)

Diabetic control

Glycated albumin (Johnson, R.N. (198) 229)

Diabetic nephropathy

Serum laminin; Minimal change nephrosis; Membranous glomerulonephritis; Lupus nephritis; Renal cell carcinoma (Horikoshi, S. (196) 185)

Diabetic retinopathy

Platelet aggregation; Fibronectin; Cell adhesion peptide; Glaucoma; Retinal vein occlusion (Babizhayev, M.A. (196) 77)

Arachidonic acid; Diabetes mellitus; Eicosapentaenoic acid; Non-esterified fatty acid; Platelet aggregation (Myrup, B. (204) 251)

Dialysis

beta-2-Microglobulin; Amyloid; Dementia (Annunziata, P. (201) 139)

Diamine oxidase

[¹⁴C]Putrescine (Smith, C.H. (201) 89)

Diarrhea

Aminopterin; Methotrexate; Small intestine; Prostaglandin; Rat (Weiler, H. (199) 283)

Diffuse idiopathic skeletal hyperostosis

Retinoic acid isomers; Retinol; Vitamin A (Periquet, B. (203) 57)

Dipeptidase

Serum carnosinase (Jackson, M.C. (196) 193)

Dipeptidyl peptidase IV

Amino peptidase P; Leukocyte; Lymphocyte; Phytohemagglutinin stimulation (Hendriks, D. (196) 87)

Discrete type autoanalyzer

Plasma prekallikrein; Plasma kallikrein-kinin system; *Pseudomonas aeruginosa* elastase (Shibuya, Y. (200) 119)

Discriminant analysis

Recursive partitioning; Statistics; Hypercalcemia (Lacher, D.A. (204) 199)

Diuretics

Angiotensin; Kidney; Renin; Sodium; Urine (Boer, P. (199) 195)

Diurnal variation

α_1 -Microglobulin; Osmolality (Itoh, Y. (201) 123)

DNA extraction

Immunoglobulin genes; T cell receptor genes; Gene rearrangement; Receptor diversity; Southern blot analysis; Clonality; Clonal proliferation; Restriction enzymes; Restriction maps; DNA probes; IgH genes; Ig κ genes; Ig λ genes; TcR- β genes; TcR- γ genes; TcR- δ genes; Genetic polymorphism; Detection limit (Van Dongen, J.J.M. (198) 1)

DNA polymorphism

Apolipoprotein B; Coronary heart disease (Mendis, S. (196) 107)

DNA probes

Immunoglobulin genes; T cell receptor genes; Gene rearrangement; Receptor diversity; South-

ern blot analysis; Clonality; Clonal proliferation; DNA extraction; Restriction enzymes; Restriction maps; IgH genes; Ig κ genes; Ig λ genes; TcR- β genes; TcR- γ genes; TcR- δ genes; Genetic polymorphism; Detection limit (Van Dongen, J.J.M. (198) 1)

Dolichylmonophosphate

Glycosylation; Mitochondria; Microsome; Muscle; Myopathy (Gasnier, F. (199) 69)

Dot-blot hybridization

Purine metabolism; Allele specific oligonucleotide; Germline mutation; Urolithiasis; Avidin-biotin; Chemiluminescence (Kawaguchi, R. (203) 183)

Down's syndrome

Erythrocyte; Proteolysis; Antioxidative enzymes (Bartosz, G. (198) 239)

Dried blood spots

Medium-chain acyl-CoA dehydrogenase (MCAD) deficiency; β -Oxidation defect; G985 MCAD mutation; G985 polymerase chain reaction (PCR) assay (Gregersen, N. (203) 23)

Drug interference

p-Aminobenzoic acid; *p*-Aminosalicylic acid; Fluorescence; HPLC; Pancreatic function testing (Pemberton, P.W. (199) 253)

Dual-wavelength spectrophotometry

Serum zinc; Highly sensitive reagent; Microwell plates; Masking and demasking system; Pediatric chemistry (Makino, T. (197) 209)

E

EAAS

Bismuth in blood and serum; Platinum; Matrix modification; Storage (Slikkerveer, A. (201) 17)

Ecdysteroids

Helminthiasis; Human urine (Gharib, B. (199) 159)

Eicosapentaenoic acid

Arachidonic acid; Diabetes mellitus; Diabetic retinopathy; Non-esterified fatty acid; Platelet aggregation (Myrup, B. (204) 251)

Elastase

Fulminant hepatic failure; Infection; α_1 -Antitrypsin (Langley, P.G. (200) 211)

Asthma; Age; α_2 -Macroglobulin (Kilroe-Smith, T.A. (202) 47)

Elastolysis

Human aortic elastin; Atherosclerotic; Lipid; Cation (Saulnier, J.M. (200) 129)

Elderly

α_1 -Acid glycoprotein; Microheterogeneity; Crossed affino-immunoelectrophoresis (Kawerk, N. (202) 65)

Electrophoresis

Cyclodextrin; Serum lipoprotein; Turbidimetry (Sharma, A. (199) 129)

Agarose gel; Glucose-6-phosphate dehydrogenase (Forbes, J. (199) 279)

Blood; Ethanol; Fucose; Haptoglobin; Lectin; Tobacco (Thompson, S. (201) 59)

ELISA

Sialidase (Neuraminidase); Sialidase antibodies; Clostridia; Myonecrosis, Diagnosis; Patients (Roggentin, P. (196) 97)

Transthyretin; Prealbumin; Cerebrospinal fluid (Vatassery, G.T. (197) 19)

Acute intermittent porphyria; Erythrocyte; Lymphocyte; Porphobilinogen deaminase (Lilius, L. (197) 77)

Tumor marker; Nucleoside; Urine; Human; 1-Methylinosine (D'Ambrosio, S.M. (199) 119)

Serum arylesterase; Cirrhosis; Monoclonal antibody (Kawai, H. (202) 219)

Endotoxin

Whole blood; β -D-Glucan; Limulus test; Chromogenic substrate; Gram-negative bacterial sepsis (Tamura, H. (200) 35)

Enzymatic assay

Sialidase; Lectin (Lambré, C.R. (198) 183)

Phenylketonuria; Monitoring; Plasma phenylalanine (Wendel, U. (201) 95)

Guanidinoacetic acid; Guanidinoacetate kinase; Urine (Shirokane, Y. (202) 227)

Enzyme

Hexosaminidase A; Lysosome; Acid hydrolases; Tay-Sachs disease; Genetic diseases (Den Tandt, W.R. (199) 231)

Enzyme electrode

Acetylcholinesterase; Butyrylcholinesterase; Amniotic fluid; Choline (Morelis, R.M. (203) 295)

Enzyme immunoassay

Total thyroxine; UltramicroElisa; Ultramicroanalytical system; β -Galactosidase conjugate; Hypothyroidism (Gonzalez, R.R. (197) 159)

Lactoferrin; Bone marrow transplantation; Plasma lactoferrin (Suzuki, T. (202) 111)

Integrins; Monoclonal antibodies; Liver disease (Katayama, M. (202) 179)

Enzyme inhibitor

δ -Aminolevulinic acid dehydratase; Alcohol; Enzyme reactivator; δ -Aminolevulinic acid; Coproporphyrin (Sieg, I. (202) 211)

Enzyme-linked antiglobulin test

Acetylcholinesterase; Enzyme linked immunosorbent assay (Jones, J.W. (200) 175)

Enzyme linked immunosorbent assay

Apolipoprotein E; Apolipoprotein B; Cerebrospinal fluid; Neurological diseases (Carlsson, J. (196) 167)

Monoclonal antibodies; Plasma cholinesterase; Pregnancy, Puerperium (Whittaker, M. (199) 223)

Pro-colipase activation peptide; Satiety; Acute pancreatitis (Bowyer, R.C. (200) 137)

Acetylcholinesterase; Enzyme-linked antiglobulin test (Jones, J.W. (200) 175)

Enzyme reactivator

δ -Aminolevulinic acid dehydratase; Alcohol; Enzyme inhibitor; δ -Aminolevulinic acid; Coproporphyrin (Sieg, I. (202) 211)

Eosinophil-derived basic proteins

Carrington's disease; Urine; Ribonuclease activity (Deviller, P. (201) 105)

Epithelial lining fluid

Bronchoalveolar lavage; Respiratory membrane permeability; Sarcoidosis; Bronchial asthma; Pneumocystis carinii pneumonitis (Van de Graaf, E.A. (196) 27)

Erythrocyte membrane (human)

Spectrin; Quantitative analysis; SDS-PAGE; Pancreatic trypsin inhibitor (Kunitz); Internal standard (Yoshida, H. (199) 99)

Erythrocyte

Aging; Potassium; Sodium; Sodium transport (Heseltine, D. (196) 41)

Acute intermittent porphyria; ELISA; Lymphocyte; Porphobilinogen deaminase (Lilius, L. (197) 77)

Down's syndrome; Proteolysis; Antioxidative enzymes (Bartosz, G. (198) 239)

Band 3 protein; Hemoglobin; Aldolase (Retelewska, W. (198) 255)

Hereditary spherocytosis; Membrane protein; Proteolytic susceptibility (Gaczyńska, M. (198) 267)

Pyrimidine 5'-nucleotidase; Fast electrophoretic mobility (Li, J.-Y. (200) 43)

Clinical analysis; Rheumatoid arthritis; Graves' Disease; Glutathione (Reglinski, J. (201) 45)

Transketolase; Apoenzyme; Thiamine diphosphate; Thiamine (Price, J. (202) 39)

Ethanol

Blood; Electrophoresis; Fucose; Haptoglobin; Lectin; Tobacco (Thompson, S. (201) 59)

Ethinyl estradiol

Norethindrone; Radioimmunoassay; Sephadex LH-20; Celite; Chromatography (Zacur, H.A. (204) 209)

Ethylene diamine tetraacetic acid-infusion test

Intact parathyroid hormone assay; Mid region parathyroid hormone; Hyperthyroidism (Bergenfz, A. (197) 229)

Exercise

Polyprenoid; Analgesic; Sauna (Roine, R. (204) 13)

Extracellular fluid space

Inulin assay; High-performance liquid chromatography; Glomerular filtration rate; Inulin kinetics (Ruo, T.I. (204) 217)

F

Familial hypercholesterolemia

Density gradient ultracentrifugation; LDL sub-fractions; Sex difference (Tilly-Kiesi, M.K. (201) 65)

Fast electrophoretic mobility

Erythrocyte; Pyrimidine 5'-nucleotidase (Li, J.-Y. (200) 43)

Fasting blood glucose

Fructosamine; Haemoglobin A_{1c}; Type 2 diabetes (MacRury, S.M. (199) 51)

Fatty acid

Liver; Triglyceride; Reye's syndrome; Hepatic desaturase (Kang, E.S. (204) 167)

Phospholipids; Silica Sep-Pak cartridge (Ellin, Å. (200) 59)

Very low density lipoprotein; Lipoprotein lipase; Apoprotein (Saheki, S. (204) 155)

Fatty acid composition

Insulin; Glycemic clamp (Pelikánová, T. (203) 329)

n-3 fatty acids

Fish oil; Lp (a) (Berg Schmidt, E. (198) 271)

Feces

Colon; Glycoconjugate; Glycoprotein; Mucin; Mucus (Clamp, J.R. (203) 243)

Fibril assay

Type III collagen; Collagenolytic enzyme; Collagenase; Lung cancer (Kawamura, M. (203) 225)

Fibrinolysis

Glycometabolic control; Coagulation (Van Wersch, J.W.J. (201) 99)

Fibroblast

Betaine:homocysteine methyltransferase; Lymphocyte; Betaine; Homocysteine; Vascular disease (Wang, J. (204) 239)

Fibronectin

Platelet aggregation; Cell adhesion peptide; Diabetic retinopathy; Glaucoma; Retinal vein occlusion (Babizhayev, M.A. (196) 77)

Homozygous familial hypercholesterolemia; LDL-apheresis; Dextran-sulfate (Erich, D. (201) 169)

Fibroproliferative response

Acute lymphoblastic leukemia; Arachnoid; Corticosteroids; Intraspinal injections; Methotrexate (Vainionpää, L. (203) 47)

Fish oil

n-3 fatty acids; Lp (a) (Berg Schmidt, E. (198) 271)

Flow injection analysis

8-Port injection valve; Glucose; Blood serum (Araujo, A.N. (203) 67)

Fludarabine

Fluorescence assay; Biological fluids (Kemena, A. (200) 95)

Fluorescence

p-Aminobenzoic acid; p-Aminosalicylic acid; Drug interference; HPLC; Pancreatic function testing (Pemberton, P.W. (199) 253)

Fluorescence assay

Fludarabine; Biological fluids (Kemena, A. (200) 95)

Fluorescence detection

gamma-Aminobutyric acid; Reference values; Cerebrospinal fluid; Childhood; Ion-exchange chromatography (Carchon, H.A. (201) 83)

Fluorescence enzymatic analysis

Serum bile acid; Bioluminescence enzymatic analysis; Gas chromatography-mass spectrometry (Rossi, S.S. (200) 63)

Fluorometric assay

Sialyltransferase; Human plasma; CMP-9-fluoresceinyl-NeuAc; Acceptor specificity (Gross, H.J. (197) 237)

Fluorometric enzyme immunoassay

Neonatal screening; Congenital hypothyroidism (Tuuminen, T. (202) 167)

F-protein

Anaesthesia; Hepatitis; Liver; Halothane; Isoflurane (Cooper, C.M. (202) 73)

Free cortisol

Free steroid; Free prednisolone; Ultrafiltration; Ultracentrifugation (Adachi, K. (200) 13)

Free fatty acids

Rat; Hepatic encephalopathy; Liver ischemia; Porta caval shunt (Smit, J.J.H. (197) 95)

Plasma; Heparin; Anticoagulants (McGann, A.M. (197) 265)

Lipolysis; Beta-2 receptor tolerance; Triglyceride (Kendall, M.J. (204) 51)

Free prednisolone

Free steroid; Free cortisol; Ultrafiltration; Ultracentrifugation (Adachi, K. (200) 13)

Free radicals

Unstable hemoglobin; Peroxidation; Antioxidative enzymes; Membrane fluidity; Splenectomy (Falcioni, G. (196) 153)

Free secretory component

Human bile FSC; Human serum FSC; pIgA receptor; pIgA transcytic pathway; FSC in liver disease (Perez, J.H. (197) 171)

Free steroid

Free cortisol; Free prednisolone; Ultrafiltration; Ultracentrifugation (Adachi, K. (200) 13)

Fructosamine

Haemoglobin A_{1c}; Fasting blood glucose; Type 2 diabetes (MacRury, S.M. (199) 51)

Fructosamine

Multiple myeloma; Serum protein; Glucose metabolism (Montagna, M.P. (204) 123)

FSC in liver disease

Free secretory component; Human bile FSC; Human serum FSC; pIgA receptor; pIgA transcytic pathway (Perez, J.H. (197) 171)

Fucose

Blood; Electrophoresis; Ethanol; Haptoglobin; Lectin; Tobacco (Thompson, S. (201) 59)

Fulminant hepatic failure

Elastase; Infection; α_1 -Antitrypsin (Langley, P.G. (200) 211)

G

Galactosialidosis

Sialidosis; Oligosaccharide; Subtype (Takahashi, Y. (203) 199)

β -Galactosidase conjugate

Total thyroxine; Enzyme immunoassay; UltramicroElisa; Ultramicroanalytical system; Hypothyroidism (Gonzalez, R.R. (197) 159)

Gallstone

Cholesterol 7 α -hydroxylase; Lipid transfer protein, nonspecific; Bile acid biosynthesis (Kawata, S. (197) 201)

Gangliosides

Cerebrospinal fluid; Sulfatide; Immunoaffinity; Cholera toxin; Monoclonal antibody (Davidsson, P. (197) 103)

Gas chromatography

Lignan; Genistein; Isoflavonoids; Mass spectrometry (Adlercreutz, H. (199) 263)

Gas chromatography-mass spectrometry

Serum bile acid; Bioluminescence enzymatic analysis; Fluorescence enzymatic analysis (Rossi, S.S. (200) 63)

3-Hydroxy-3-methylglutaric aciduria; Organic acids; Silylation; Derivatization; Urine analysis; Cot death (Mills, G.A. (204) 131)

Gas-liquid chromatography

Neutral steroids; Profiles; Urine; Mass spectrometry; Oxytetracycline (Hämäläinen, E. (199) 205)

Gaucher disease

Metachromatic leukodystrophy; Tay-Sachs disease; Polymerase chain reaction; Arylsulfatase A; Pseudodeficiency; Lysosomal disorders (Louie, E. (199) 7)

beta-Hexosaminidase (Natowicz, M.R. (203) 17)

Urinary glucocerebrosidase; Asymptomatic Gaucher disease; Carrier detection; Lysosomal storage disorder; β -Glucosidase; Glycosphingolipidosis (Aerts, J.M.F.G. (203) 349)

GC/MS

Inborn error; MCAD; Skin fibroblasts; Mitochondrial β -oxidation (Niezen-Koning, K.E. (199) 173)

Gel electrophoresis and chromatography

LBSA determination; Serum glycoproteins; Lipid analysis (Végh, Z. (203) 259)

Gel-chromatography

Bilirubin; Biliprotein; Azopigments; Total bilirubin; Accuracy (Franzini, C. (203) 339)

Gene rearrangement

Immunoglobulin genes; T cell receptor genes; Receptor diversity; Southern blot analysis; Clonality; Clonal proliferation; DNA extraction; Restriction enzymes; Restriction maps; DNA probes; IgH genes; Ig κ genes; Ig λ genes; TcR- β genes; TcR- γ genes; TcR- δ genes; Genetic polymorphism; Detection limit (Van Dongen, J.J.M. (198) 1)

Immunoglobulin genes; T cell receptor genes; Southern blot analysis; Lymphoid differentiation; Leukemias; Malignant lymphomas; Clonality; Oligoclonality; Clonal progression; Lineage infidelity; Immunodeficiency; Benign clonal proliferations; Richter's syndrome; Minimal residual disease (Van Dongen, J.J.M. (198) 93)

Genetic diseases

Hexosaminidase A; Enzyme; Lysosome; Acid hydrolases; Tay-Sachs disease (Den Tandt, W.R. (199) 231)

Genetic polymorphism

Immunoglobulin genes; T cell receptor genes; Gene rearrangement; Receptor diversity; Southern blot analysis; Clonality; Clonal proliferation; DNA extraction; Restriction enzymes; Restriction maps; DNA probes; IgH genes; Ig κ genes; Ig λ genes; TcR- β genes; TcR- γ genes; TcR- δ genes; Detection limit (Van Dongen, J.J.M. (198) 1)

Genetics

Heritable disorder; Alkaline phosphatase; Phosphate; Phosphoethanolamine (Macfarlane, J.D. (202) 141)

Genistein

Lignan; Isoflavonoids; Gas chromatography; Mass spectrometry (Adlercreutz, H. (199) 263)

Genotype/phenotype

Apolipoprotein E; Diabetes mellitus (Snowden, C. (196) 49)

Germline mutation

Purine metabolism; Allele specific oligonucleotide; Dot-blot hybridization; Urolithiasis; Avidin-biotin; Chemiluminescence (Kawaguchi, R. (203) 183)

GHRH RIA

GHRH(1-29)-Gly₄-Cys-NH₂; Plasma GHRH level; Cultured GHRH-producing tumor cells (Zhang, C.-y. (202) 243)

GHRH(1-29)-Gly₄-Cys-NH₂

GHRH RIA; Plasma GHRH level; Cultured GHRH-producing tumor cells (Zhang, C.-y. (202) 243)

Glaucoma

Platelet aggregation; Fibronectin; Cell adhesion peptide; Diabetic retinopathy; Retinal vein occlusion (Babizhayev, M.A. (196) 77)

Aqueous humor; Lysosomal enzymes; Cataracts (Weinreb, R.N. (199) 1)

Gliadin Celiac disease; Cellular immunity; Antibody; Gluten; Wheat (Penttilä, I.A. (204) 95)

Glomerular filtration rate

Inulin assay; High-performance liquid chromatography; Extracellular fluid space; Inulin kinetics (Ruo, T.I. (204) 217)

 β -D-Glucan

Whole blood; Endotoxin; Limulus test; Chromogenic substrate; Gram-negative bacterial sepsis (Tamura, H. (200) 35)

N-acetyl- β -D-Glucosaminidase isoenzyme

Monocyte-derived macrophage; Zymosan; Interferon- γ (Bourbouze, R. (199) 185)

Glucose metabolism

Multiple myeloma; Serum protein; Fructosamine (Montagna, M.P. (204) 123)

Glucose-6-phosphate dehydrogenase

Agarose gel; Electrophoresis (Forbes, J. (199) 279)

Glucose

Flow injection analysis; 8-Port injection valve; Blood serum (Araujo, A.N. (203) 67)

 β -Glucosidase

Urinary glucocerebrosidase; Gaucher disease; Asymptomatic Gaucher disease; Carrier detection; Lysosomal storage disorder; Glycosphingolipidosis (Aerts, J.M.F.G. (203) 349)

 β -Glucuronidase

AIDS; Human immunodeficiency virus (Saha, A.K. (199) 311)

Lysosomal enzymes; β -N-Acetylglucosaminidase; Aryl-sulfatase; Saphen (Hayer, M. (203) 343)

Glutamate dehydrogenase

Ornithine carbamyl transferase; Liver mitochondria; Ammonia assay; Mitochondrial aspartate aminotransferase (Peltenburg, H.G. (203) 395)

 γ -Glutamyl transpeptidase

Human submandibular gland enzyme (Sajjan, A.R. (197) 131)

Head and neck cancer; TNM stage; radiotherapy (Singh, J. (203) 375)

Glutathione

Erythrocyte; Clinical analysis; Rheumatoid arthritis; Graves' Disease (Reglinski, J. (201) 45)

Glutathione cycle

Polymorphonuclear leucocytes; Neutrophils; Hydrogen peroxide; Respiratory burst; Photometric assay (Negri, M. (199) 305)

Glutathione peroxidase

Selenium; Primary biliary cirrhosis (Välimäki, M. (196) 7)

Gluten

Celiac disease; Cellular immunity; Antibody; Gliadin; Wheat (Penttilä, I.A. (204) 95)

Glycan

α_1 -Acid glycoprotein; Pregnancy (Biou, D. (204) 1)

Glycated albumin

Diabetic control (Johnson, R.N. (198) 229)

Glycated protein; Urine protein; m-Aminophenyl boronate affinity chromatography (Silver, A.C. (202) 11)

Glycated hemoglobin

Hypoglycemia; Hyperinsulinism (Niketić, V. (197) 47)

Glycated protein

Glycated albumin; Urine protein; m-Aminophenyl boronate affinity chromatography (Silver, A.C. (202) 11)

Glycation

Lecithin : cholesterol-acyltransferase; Apolipoprotein A₁ (Gugliucci, A. (204) 37)

Glycemic clamp

Insulin; Fatty acid composition (Pelikánová, T. (203) 329)

Glycerol kinase deficiency

Urinary metabolic screening; Inborn errors of metabolism; Glycerol (Kohlschütter, A. (198) 203)

Glycerol

Urinary metabolic screening; Inborn errors of metabolism; Glycerol kinase deficiency (Kohlschütter, A. (198) 203)

Glycoconjugate

Colon; Feces; Glycoprotein; Mucin; Mucus (Clamp, J.R. (203) 243)

Glycolic acid

Glyoxylic acid; Blood glycolic acid; Primary hyperoxaluria; Oxalosis; Chronic renal failure (Petrarulo, M. (196) 17)

Glycometabolic control

Coagulation; Fibrinolysis (Van Wersch, J.W.J. (201) 99)

Glycoprotein

Colon; Feces; Glycoconjugate; Mucin; Mucus (Clamp, J.R. (203) 243)

Glycoprotein degradation

HPLC; Urinary oligosaccharides (Hommes, F.A. (203) 211)

Glycosphingolipidosis

Urinary glucocerebrosidase; Gaucher disease; Asymptomatic Gaucher disease; Carrier detection; Lysosomal storage disorder; β -Glucosidase (Aerts, J.M.F.G. (203) 349)

Glycosylation

Dolichylmonophosphate; Mitochondria; Microsome; Muscle; Myopathy (Gasnier, F. (199) 69)

Stable isotope labeling; Bile acids (Matern, S. (203) 77)

α_1 -Acid glycoprotein; Acute bacterial infection; Chronic bacterial infection (Fassbender, K. (203) 315)

Glyoxalase

Blood sample (McLellan, A.C. (204) 137)

Glyoxylic acid

Glycolic acid; Blood glycolic acid; Primary hyperoxaluria; Oxalosis; Chronic renal failure (Petrarulo, M. (196) 17)

Gout

High-performance liquid chromatography; Phosphoribosylpyrophosphate synthetase; Pyrimidine 5'-nucleotidase deficiency (Sakuma, R. (203) 143)

Gram-negative bacterial sepsis

Whole blood; Endotoxin; β -D-Glucan; Limulus test; Chromogenic substrate (Tamura, H. (200) 35)

Granulocytes

α_2 -Macroglobulin; Oxygen radicals; Reperfusion injury (Donnelly, P.K. (202) 55)

Graphite furnace atomic absorption spectrometry

Thallium determination; Palladium chemical modification; Sodium chloride interference; Urine, blood analysis (Yang, Q. (204) 23)

Graves' Disease

Erythrocyte; Clinical analysis; Rheumatoid arthritis; Glutathione (Reglinski, J. (201) 45)

Guanidinacetate kinase

Guanidinoacetic acid; Enzymatic assay; Urine (Shirokane, Y. (202) 227)

Guanidinoacetic acid

Guanidinoacetate kinase; Enzymatic assay;
Urine (Shirokane, Y. (202) 227)

Gynecological surgery

Plasma glycine; HPLC (Sherwood, R.A. (203)
275)

H

Haemoglobin A₁

Fructosamine; Fasting blood glucose; Type 2 diabetes (MacRury, S.M. (199) 51)

Halothane

Malignant hyperthermia; Sarcolemma and sarcoplasmic reticulum pig muscular membrane; Spin labeling (Thomas, M.A. (200) 201)

Anaesthesia; F-protein; Hepatitis; Liver; Isoflurane (Cooper, C.M. (202) 73)

Haptoglobin

Blood; Electrophoresis; Ethanol; Fucose; Lectin; Tobacco (Thompson, S. (201) 59)

Hb F Sardinia

IEF; $\Lambda\gamma^T$ -chain; β -thalassaemia; HPFH (Masala, B. (198) 195)

Head and neck cancer

γ -Glutamyl transpeptidase; TNM stage; radiotherapy (Singh, J. (203) 375)

Head-space gas chromatography

Autooxidation of L-3,4-dihydroxyphenylalanine to carbon monoxide; Oxidant/antioxidant properties of drugs (Cooper, M.J. (202) 105)

Helminthiasis

Ecdysteroids; Human urine (Gharib, B. (199) 159)

Hemodialysis

Serum amyloid P component; Amyloidosis; Renal failure; Continuous ambulatory peritoneal dialysis (Nelson, S.R. (200) 191)

Hemoglobin

Erythrocyte; Band 3 protein; Aldolase (Retelewska, W. (198) 255)

Heparin

Plasma; Anticoagulants; Free fatty acids (McGann, A.M. (197) 265)

Hepatic desaturase

Liver; Triglyceride; Fatty acids; Reye's syndrome (Kang, E.S. (204) 167)

Hepatic encephalopathy

Free fatty acids; Rat; Liver ischemia; Porta caval shunt (Smit, J.J.H. (197) 95)

Phenethylamine; Biogenic amine; Liver cirrhosis; Liver disease (Yonekura, T. (199) 91)

Hepatic fibrosis

Chronic liver diseases; Procollagen III; Collagen peptidase (Müller, A. (197) 59)

Hepatitis

Anaesthesia; F-protein; Liver; Halothane; Isoflurane (Cooper, C.M. (202) 73)

Hereditary spherocytosis

Erythrocyte; Membrane protein; Proteolytic susceptibility (Gaczyńska, M. (198) 267)

Heritable disorder

Genetics; Alkaline phosphatase; Phosphate; Phosphoethanolamine (Macfarlane, J.D. (202) 141)

Heterozygous β -thalassaemia

Serum isofoerritin; Spectrotype; Multivariate analysis (Lasne, Y. (197) 85)

Hexosaminidase A

Enzyme; Lysosome; Acid hydrolases; Tay-Sachs disease; Genetic diseases (Den Tandt, W.R. (199) 231)

β -Hexosaminidase

Diabetes; Isoenzymes; Nephropathy; Plasma; Retinopathy (Hultberg, B. (196) 177)

Gaucher disease (Natowicz, M.R. (203) 17)

High density lipoprotein cholesterol (HDL)

Lipid profiles; Low density lipoprotein cholesterol (LDL); Coronary heart disease; Lipid Research Clinics (LRC) cholesterol; Standardization program (Mace, R. (204) 189)

High density lipoprotein

Platelet activating factor (PAF); PAF acetylhydrolase; Low density lipoprotein; Cholesterol (Sato, K. (202) 95)

Highly sensitive reagent

Serum zinc; Microwell plates; Dual-wavelength spectrophotometry; Masking and demasking system; Pediatric chemistry (Makino, T. (197) 209)

High-performance liquid chromatography

Inulin assay; Glomerular filtration rate; Extracellular fluid space; Inulin kinetics (Ruo, T.I. (204) 217)

High-performance liquid chromatography (HPLC)

Bilirubin distribution; Albumin; β -Lipoprotein (Soltés, L. (201) 35)

Phosphoribosylpyrophosphate synthetase; Gout; Pyrimidine 5'-nucleotidase deficiency (Sakuma, R. (203) 143)

Histaminemia

Sickle cell anaemia; Hypohistidinemia (Enwonwu, C.O. (203) 363)

Histiocytosis X

Blood cells; Monocyte; Lymphocyte; LDH; MDH (Perlino, E. (200) 153)

HMG-CoA reductase inhibitor

Hypercholesterolemia; Pravastatin; L_p (a); Acute-phase response; Coronary heart disease (CHD) (Fieseler, H.-G. (204) 291)

Homocysteine

Betaine; homocysteine methyltransferase; Lymphocyte; Fibroblast; Betaine; Vascular disease (Wang, J. (204) 239)

Homozygous familial hypercholesterolemia

LDL-apheresis; Fibronectin; Dextran-sulfate (Erlich, D. (201) 169)

HPFH

IEF; Hb F Sardinia; $A\gamma^T$ -chain; β -thalassemia (Masala, B. (198) 195)

HPLC

Urine; Cotinine; Colorimetric assay; Smoking; Cigarettes low-yield (Kolonen, S.A. (196) 159)

Cystinuria; Cysteine; Cystine (Birwé, H. (199) 33)

p-Aminobenzoic acid; *p*-Aminosalicylic acid; Drug interference; Fluorescence; Pancreatic function testing (Pemberton, P.W. (199) 253)

Phenylketonuria (PKU); Maple syrup urine disease (MSUD); Tyrosinemia; Newborn screening (Qu, Y. (203) 191)

Urinary oligosaccharides; Glycoprotein degradation (Hommes, F.A. (203) 211)

Plasma glycine; Gynecological surgery (Sherwood, R.A. (203) 275)

Human

Tumor marker; ELISA; Nucleoside; Urine; 1-Methylinosine (D'Ambrosio, S.M. (199) 119)

Isoenzyme; Myocardial infarction; Creatine kinase; Subform; Computer-fitting (Christenson, R.H. (200) 23)

Human aortic elastin

Atherosclerotic; Lipid; Cation; Elastolysis (Saulnier, J.M. (200) 129)

Human bile FSC

Free secretory component; Human serum FSC; pIgA receptor; pIgA transcytic pathway; FSC in liver disease (Perez, J.H. (197) 171)

Human blood serum

Aminoacid stability; Ultrafiltration; Storage; pH; Temperature (Kornhuber, M.E. (197) 189)

Human cerebrospinal fluid

β -N-Acetylhexosaminidase; Automated procedure; Human serum; Multiple sclerosis (Datti, A. (200) 73)

Human feces

Hydrogen sulphide; Sulphate reduction; Colon; Sulphidogenesis; Methanogenesis (Florin, T.H.J. (196) 127)

Human fetus

α_1 -Acid glycoprotein; Orosomucoid; Microheterogeneity; Concanavalin A (Seta, N. (203) 167)

Human immunodeficiency virus

AIDS; β -Glucuronidase (Saha, A.K. (199) 311)

Human kidney

Aminopeptidase (Mantle, D. (196) 135)

Human plasma

Sialyltransferase; Fluorometric assay; CMP-9-fluoresceinyl-NeuAc; Acceptor specificity (Gross, H.J. (197) 237)

Human serum

β -N-Acetylhexosaminidase; Automated procedure; Human cerebrospinal fluid; Multiple sclerosis (Datti, A. (200) 73)

Human serum FSC

Free secretory component; Human bile FSC; pIgA receptor; pIgA transcytic pathway; FSC in liver disease (Perez, J.H. (197) 171)

Human spinal cord

Brain natriuretic peptide; Congestive heart failure (Togashi, K. (201) 193)

Human submandibular gland enzyme

γ -Glutamyl transpeptidase (Sajjan, A.R. (197) 131)

Human urine

Ecdysteroids; Helminthiasis (Gharib, B. (199) 159)

Human ventricular myosin heavy chain

Monoclonal antibody; Myocardial necrosis (Simeonova, P.P. (201) 207)

Hydrogen peroxide and ammonium molybdate, complex of

Serum catalase; Reference interval; Age and sex dependence (Góth, L. (196) 143)

Hydrogen peroxide

Polymorphonuclear leucocytes; Neutrophils; Glutathione cycle; Respiratory burst; Photometric assay (Negri, M. (199) 305)

Porphyrin; Photosensitizer; Light; Singlet oxygen; Hydroxyl (Aravind Menon, I. (202) 237)

Hydrogen sulphide

Sulphate reduction; Human feces; Colon; Sulphidogenesis; Methanogenesis (Florin, T.H.J. (196) 127)

Hydroxyl

Porphyrin; Photosensitizer; Light; Hydrogen peroxide; Singlet oxygen (Aravind Menon, I. (202) 237)

3-Hydroxy-3-methylglutaric aciduria

Organic acids; Gas chromatography-mass spectrometry; Silylation; Derivatization; Urine analysis; Cot death (Mills, G.A. (204) 131)

Hydroxyproline

Alkaline phosphatase; Isoenzyme; Sickle cell disease; Saudi Arabia (Mohammed, S.M. (203) 285)

Hyperammonemia

Pyroglutamic acid; Urea cycle defects (Nakanishi, T. (197) 249)

Hypercalcemia Discriminant analysis; Recursive partitioning; Statistics (Lacher, D.A. (204) 199)

Hypercholesterolemia

Coronary heart disease; Low density lipoprotein; Receptor (Joven, J. (197) 67)

HMG-CoA reductase inhibitor; Pravastatin; Lp (a); Acute-phase response; Coronary heart disease (CHD) (Fieseler, H.-G. (204) 291)

Hyperinsulinism

Glycated hemoglobin; Hypoglycemia (Niketić, V. (197) 47)

Hyperlipoproteinemia

Hypothyroidism; Subclinical hypothyroidism; Thyroid-stimulating hormone; Coronary heart disease (Glueck, C.J. (201) 113)

Hyperornithinemia-hyperammonemia-homocitrullinuria

Mitochondrial transport; Liquid chromatography-mass spectrometry; Stable isotope; Ornithine (Tsujino, S. (201) 129)

Hyperthyroidism

Intact parathyroid hormone assay; Mid region parathyroid hormone; Ethylene diamine tetraacetic acid-infusion test (Bergenfz, A. (197) 229)

Hypogalactosylation

IgG; Oligosaccharide; Interleukin 6; Castleman disease (Nakao, H. (197) 221)

Hypoglycemia

Glycated hemoglobin; Hyperinsulinism (Niketić, V. (197) 47)

Hypohistidinemia

Sickle cell anaemia; Histaminemia (Enwonwu, C.O. (203) 363)

Hypothyroidism

Total thyroxine; Enzyme immunoassay; UltramicroElisa; Ultramicroanalytical system; β -Galactosidase conjugate (Gonzalez, R.R. (197) 159)

Subclinical hypothyroidism; Hyperlipoproteinemia; Thyroid-stimulating hormone; Coronary heart disease (Glueck, C.J. (201) 113)

I

IDDM

IgA; Serum immunoglobulins; NIDDM (Rodríguez-Segade, S. (203) 135)

IEF

Hb F Sardinia; γ ^T-chain; β -thalassemia; HPFH (Masala, B. (198) 195)

Ig κ genes

Immunoglobulin genes; T cell receptor genes; Gene rearrangement; Receptor diversity; Southern blot analysis; Clonality; Clonal proliferation; DNA extraction; Restriction enzymes; Restriction maps; DNA probes; IgH genes; Ig λ genes; TcR- β genes; TcR- γ genes; TcR- δ genes; Genetic polymorphism; Detection limit (Van Dongen, J.J.M. (198) 1)

Ig λ genes

Immunoglobulin genes; T cell receptor genes; Gene rearrangement; Receptor diversity; Southern blot analysis; Clonality; Clonal proliferation; DNA extraction; Restriction enzymes; Restriction maps; DNA probes; IgH genes; Ig κ genes; TcR- β genes; TcR- γ genes; TcR- δ genes; Genetic polymorphism; Detection limit (Van Dongen, J.J.M. (198) 1)

IgA

Serum immunoglobulins; IDDM; NIDDM (Rodríguez-Segade, S. (203) 135)

IgG

Hypogalactosylation; Oligosaccharide; Interleukin 6; Castleman disease (Nakao, H. (197) 221)

IgH genes

Immunoglobulin genes; T cell receptor genes; Gene rearrangement; Receptor diversity; Southern blot analysis; Clonality; Clonal proliferation; DNA extraction; Restriction enzymes; Restriction maps; DNA probes; Ig κ genes; Ig λ genes; TcR- β genes; TcR- γ genes; TcR- δ genes; Genetic polymorphism; Detection limit (Van Dongen, J.J.M. (198) 1)

Immune complex

Creatine kinase; Macro creatine kinase; Creatine kinase isozyme; Creatine kinase subform; Immunoglobulin A (Kanemitsu, F. (197) 9)

Immunoaffinity

Cerebrospinal fluid; Gangliosides; Sulfatide; Cholera toxin; Monoclonal antibody (Davidsson, P. (197) 103)

Immunoassay

Alkaline phosphatase; Bone disease; Liver disease; Reference interval; Affinity chromatography (Gonchoroff, D.G. (199) 43)

Calcium binding protein; Vitamin D-dependent (Zhu, Y. (201) 183)

Immunoblotting

Isozyme; Isoform; Serum protein; Biotinidase (Hart, P.S. (197) 257)

Apolipoprotein E; Postmortem change; Storage; Isoelectric focusing (Lehtimäki, T. (203) 177)

Immunochemical assay

Biotin (Thuy, L.P. (202) 191)

Immunodeficiency

Immunoglobulin genes; T cell receptor genes; Gene rearrangement; Southern blot analysis; Lymphoid differentiation; Leukemias; Malignant lymphomas; Clonality; Oligoclonality; Clonal progression; Lineage infidelity; Benign clonal proliferations; Richter's syndrome; Minimal residual disease (Van Dongen, J.J.M. (198) 93)

Immunoelectrophoresis

Affinity chromatography; Amniotic fluid; Pregnancy proteins (Sørensen, S. (202) 199)

Immunoglobulin A

Creatine kinase; Macro creatine kinase; Creatine kinase isozyme; Creatine kinase subform; Immune complex (Kanemitsu, F. (197) 9)

Immunoglobulin genes

T cell receptor genes; Gene rearrangement; Receptor diversity; Southern blot analysis; Clonality; Clonal proliferation; DNA extraction; Restriction enzymes; Restriction maps; DNA probes; IgH genes; Ig κ genes; Ig λ genes; TcR- β genes; TcR- γ genes; TcR- δ genes; Genetic polymorphism; Detection limit (Van Dongen, J.J.M. (198) 1)

T cell receptor genes; Gene rearrangement; Southern blot analysis; Lymphoid differentiation; Leukemias; Malignant lymphomas; Clonality; Oligoclonality; Clonal progression; Lineage infidelity; Immunodeficiency; Benign clonal proliferations; Richter's syndrome; Minimal residual disease (Van Dongen, J.J.M. (198) 93)

Immunoturbidimetry

Apo A1; Apo B; Rate nephelometry (Glueck, C.J. (197) 121)

In vitro stability

h-ANP; Aprotinin; Phosphoramidon (Artner-Dworzak, E. (203) 235)

Inborn error

MCAD; Skin fibroblasts; GC/MS; Mitochondrial β -oxidation (Niezen-Koning, K.E. (199) 173)

Peroxisomal disorder; Bile acids; Zellweger syndrome; Peroxisome; Peroxisomal β -oxidation (Wanders, R.J.A. (202) 123)

Inborn errors of metabolism

Urinary metabolic screening; Glycerol; Glycerol kinase deficiency (Kohlschütter, A. (198) 203)

Infection

Elastase; Fulminant hepatic failure; α_1 -Antitrypsin (Langley, P.G. (200) 211)

Infective endocarditis

Creatine kinase; Activation energy; Bacteremia (De Scheerder, I.K. (197) 115)

Inflammation

Zinc; Leucocytes; Mononuclear cells; Polymorphonuclear cells; Plasma (Peretz, A. (203) 35)

Inflammatory disease

Neopterin; Pterins; Cytokine; Interferon (Müller, M.M. (201) 1)

Inherited metabolic disorder

Carnitine; Organic aciduria; Propionic acidemia; Methylmalonic aciduria; NMR spectroscopy (Davies, S.E.C. (204) 263)

Insulin

Glycemic clamp; Fatty acid composition (Pelikánová, T. (203) 329)

Intact parathyroid hormone assay

Mid region parathyroid hormone; Ethylene diamine tetraacetic acid-infusion test; Hyperthyroidism (Bergenfelz, A. (197) 229)

Integrins

Monoclonal antibodies; Enzyme immunoassay; Liver disease (Katayama, M. (202) 179)

Interferon

Neopterin; Pterins; Inflammatory disease; Cytokine (Müller, M.M. (201) 1)

Interferon- γ

N-acetyl- β -D-Glucosaminidase isoenzyme; Monocyte-derived macrophage; Zymosan (Bourbouze, R. (199) 185)

Interleukin 6

Hypogalactosylation; IgG; Oligosaccharide; Castleman disease (Nakao, H. (197) 221)

Internal standard

Spectrin; Erythrocyte membrane (human); Quantitative analysis; SDS-PAGE; Pancreatic trypsin inhibitor (Kunitz) (Yoshida, H. (199) 99)

Intestinal alkaline phosphatase

Alkaline phosphatase isozyme; ABO blood groups; Secretor phenotype; Monoclonal antibody (Domar, U. (203) 305)

Intrasplinal injections

Acute lymphoblastic leukemia; Arachnoid; Corticosteroids; Fibroproliferative response; Methotrexate (Vainionpää, L. (203) 47)

Inulin assay

High-performance liquid chromatography; Glomerular filtration rate; Extracellular fluid space; Inulin kinetics (Ruo, T.I. (204) 217)

Inulin kinetics

Inulin assay; High-performance liquid chromatography; Glomerular filtration rate; Extracellular fluid space (Ruo, T.I. (204) 217)

Ion selective electrode

Calcium; Saliva (Lagerlöf, F. (198) 175)

Ion-exchange chromatography

gamma-Aminobutyric acid; Reference values; Cerebrospinal fluid; Childhood; Fluorescence detection (Carchon, H.A. (201) 83)

Iron

Serum; Atomic absorption spectrometry; De-proteinization (De Benzo, Z.A. (197) 139)

Isoelectric focusing

Apolipoprotein E; Postmortem change; Storage; Immunoblotting (Lehtimäki, T. (203) 177)

Isoenzyme

Myocardial infarction; Human; Creatine kinase; Subform; Computer-fitting (Christenson, R.H. (200) 23)

Hydroxyproline; Alkaline phosphatase; Sickle cell disease; Saudi Arabia (Mohammed, S.M. (203) 285)

Isoenzymes

Diabetes; β -Hexosaminidase; Nephropathy; Plasma; Retinopathy (Hultberg, B. (196) 177)

Isoflavonoids

Lignan; Genistein; Gas chromatography; Mass spectrometry (Adlercreutz, H. (199) 263)

Isoflurane

Anaesthesia; F-protein; Hepatitis; Liver; Halothane (Cooper, C.M. (202) 73)

Isoform

Isozyme; Serum protein; Biotinidase; Immunoblotting (Hart, P.S. (197) 257)

Isotransferrin

Pregnancy (Van Dijk, J.P. (203) 1)

Isovaleric acidemia

Prenatal diagnosis; Tandem mass spectrometry; Carnitine (Shigematsu, Y. (203) 369)

Isozyme

Isoform; Serum protein; Biotinidase; Immunoblotting (Hart, P.S. (197) 257)

J

Japanese subjects

Apolipoprotein; Turbidimetric immunoassay;
Reference values; Age- and sex-related differences (Noma, A. (199) 147)

Jejunal fluid

Lactase; Children; Tissue source (Quak, S.H. (204) 145)

K

3-Ketobutylidene β -2-chloro-4-nitrophenyl-maltopentaoside

α -Amylase (Teshima, S. (199) 23)

Ketones

Organic acids analysis; Oxoacids; Aldehydes
(Hoffmann, G.F. (199) 237)

Kidney

Angiotensin; Diuretics; Renin; Sodium; Urine
(Boer, P. (199) 195)

L

Lactase

Jejunal fluid; Children; Tissue source (Quak, S.H. (204) 145)

Lactate

Screening test; Pyruvate; Metabolic inborn errors (Kuroda, Y. (199) 17)

Ceruloplasmin activity; Acute organ system failure (Dauberschmidt, R. (199) 167)

Lactoferrin

Bone marrow transplantation; Plasma lactoferrin; Enzyme immunoassay (Suzuki, T. (202) 111)

Latex immunonephelometric assay

Myoglobin (Massoubre, C. (201) 223)

LBSA determination

Serum glycoproteins; Gel electrophoresis and chromatography; Lipid analysis (Végh, Z. (203) 259)

LDH

Histiocytosis X; Blood cells; Monocyte; Lymphocyte; MDH (Perlino, E. (200) 153)

LDL particle size

Low density lipoprotein; Type IIb hyperlipoproteinemia; Simvastatin (Zhao, S.P. (203) 109)

LDL subfractions

Familial hypercholesterolemia; Density gradient ultracentrifugation; Sex difference (Tilly-Kiesi, M.K. (201) 65)

LDL-apheresis

Homozygous familial hypercholesterolemia; Fibrinectin; Dextran-sulfate (Erlach, D. (201) 169)

Lecithin:cholesterol-acyltransferase

Apolipoprotein A_{II}; Glycation (Gugliucci, A. (204) 37)

Lectin

Sialidase; Enzymatic assay (Lambré, C.R. (198) 183)

Blood; Electrophoresis; Ethanol; Fucose; Haptoglobin; Tobacco (Thompson, S. (201) 59)

Leucocytes

Zinc; Mononuclear cells; Polymorphonuclear cells; Plasma; Inflammation (Peretz, A. (203) 35)

Leukemias

Immunoglobulin genes; T cell receptor genes; Gene rearrangement; Southern blot analysis; Lymphoid differentiation; Malignant lymphomas; Clonality; Oligoclonality; Clonal progression; Lineage infidelity; Immunodeficiency; Benign clonal proliferations; Richter's syndrome; Minimal residual disease (Van Dongen, J.J.M. (198) 93)

Leukocyte

Amino peptidase P; Dipeptidyl peptidase IV; Lymphocyte; Phytohemagglutinin stimulation (Hendriks, D. (196) 87)

Leukodystrophy

Canavan's disease; Aspartoacylase; Spongy degeneration of brain (Barash, V. (201) 175)

Light

Porphyrin; Photosensitizer; Hydrogen peroxide; Singlet oxygen; Hydroxyl (Aravind Menon, I. (202) 237)

Lignan

Genistein; Isoflavonoids; Gas chromatography; Mass spectrometry (Adlercreutz, H. (199) 263)

Limulus test

Whole blood; Endotoxin; β -D-Glucan; Chromogenic substrate; Gram-negative bacterial sepsis (Tamura, H. (200) 35)

Lineage infidelity

Immunoglobulin genes; T cell receptor genes; Gene rearrangement; Southern blot analysis; Lymphoid differentiation; Leukemias; Malignant lymphomas; Clonality; Oligoclonality; Clonal progression; Immunodeficiency; Benign clonal proliferations; Richter's syndrome; Minimal residual disease (Van Dongen, J.J.M. (198) 93)

Lipid

Human aortic elastin; Atherosclerotic; Cation; Elastolysis (Saulnier, J.M. (200) 129)

Lipid analysis

LBSA determination; Serum glycoproteins; Gel electrophoresis and chromatography (Végh, Z. (203) 259)

Lipid peroxidation

Alzheimer's disease; Aluminum; Zinc; Vitamin E (Haines, A. (198) 261)

Asthma bronchiale; Red blood cells; Oxidative sensitivity; Antioxidant enzymes (Novák, Z. (201) 247)

Lipid peroxide

Myocardial infarction; Malondialdehyde; Detoxification enzymes (Loeper, J. (196) 119)

Lipid profiles

Low density lipoprotein cholesterol (LDLC); High density lipoprotein cholesterol (HDL); Coronary heart disease; Lipid Research Clinics (LRC) cholesterol; Standardization program (Mace, R. (204) 189)

Lipid Research Clinics (LRC) cholesterol

Lipid profiles; Low density lipoprotein cholesterol (LDLC); High density lipoprotein cholesterol (HDL); Coronary heart disease; Standardization program (Mace, R. (204) 189)

Lipid transfer protein, nonspecific

Cholesterol 7 α -hydroxylase; Gallstone; Bile acid biosynthesis (Kawata, S. (197) 201)

Lipolysis

Beta-2 receptor tolerance; Free fatty acids; Triglyceride (Kendall, M.J. (204) 51)

Lipoprotein

Cerebrotendinous xanthomatosis; Atherogenic risk factor; Serum lipid; Coronary artery disease; Atherosclerosis (Fujiyama, J. (200) 1)

Lipoprotein lipase

Very low density lipoprotein; Fatty acid; Apoprotein (Saheki, S. (204) 155)

Lipoprotein metabolism

Cholesteryl ester; Simvastatin; Compartmental analysis; Modelling; (human) (Magot, T. (196) 59)

 β -Lipoprotein

High-performance liquid chromatography (HPLC); Bilirubin distribution; Albumin (Šoltés, L. (201) 35)

Liquid chromatography-mass spectrometry

Hyperornithinemia-hyperammonemia-homocitrullinuria; Mitochondrial transport; Stable isotope; Ornithine (Tsujino, S. (201) 129)

Liver

Anaesthesia; F-protein; Hepatitis; Halothane; Isoflurane (Cooper, C.M. (202) 73)

Triglyceride; Fatty acids; Reye's syndrome; Hepatic desaturase (Kang, E.S. (204) 167)

Liver cirrhosis

Phenethylamine; Hepatic encephalopathy; Biogenic amine; Liver disease (Yonekura, T. (199) 91)

Liver disease

Alkaline phosphatase; Bone disease; Reference interval; Affinity chromatography; Immunoassay (Gonchoroff, D.G. (199) 43)

Phenethylamine; Hepatic encephalopathy; Biogenic amine; Liver cirrhosis (Yonekura, T. (199) 91)

Integrins; Monoclonal antibodies; Enzyme immunoassay (Katayama, M. (202) 179)

Liver ischemia

Free fatty acids; Rat; Hepatic encephalopathy; Porta caval shunt (Smit, J.J.H. (197) 95)

Liver mitochondria

Ornithine carbamyl transferase; Ammonia assay; Glutamate dehydrogenase; Mitochondrial aspartate aminotransferase (Peltenburg, H.G. (203) 395)

Low density lipoprotein

Coronary heart disease; Hypercholesterolemia; Receptor (Joven, J. (197) 67)

Platelet activating factor (PAF); PAF acetylhydrolase; High density lipoprotein; Cholesterol (Sato, K. (202) 95)

LDL particle size; Type IIb hyperlipoproteinemia; Simvastatin (Zhao, S.P. (203) 109)

Low density lipoprotein cholesterol (LDLC)

Lipid profiles; High density lipoprotein cholesterol (HDL); Coronary heart disease; Lipid Research Clinics (LRC) cholesterol; Standardization program (Mace, R. (204) 189)

Lp (a)

Fish oil; n-3 fatty acids (Berg Schmidt, E. (198) 271)

Hypercholesterolemia; HMG-CoA reductase inhibitor; Pravastatin; Acute-phase response; Coronary heart disease (CHD) (Fieseler, H.-G. (204) 291)

Lung cancer

Type III collagen; Collagenolytic enzyme; Collagenase; Fibrin assay (Kawamura, M. (203) 225)

Lupus nephritis

Serum laminin; Minimal change nephrosis; Membranous glomerulonephritis; Diabetic nephropathy; Renal cell carcinoma (Horikoshi, S. (196) 185)

Lymphocyte

Aminopeptidase P; Dipeptidyl peptidase IV; Leukocyte; Phytohemagglutinin stimulation (Hendriks, D. (196) 87)

Acute intermittent porphyria; ELISA; Erythrocyte; Porphobilinogen deaminase (Lilius, L. (197) 77)

Histiocytosis X; Blood cells; Monocyte; LDH; MDH (Perlino, E. (200) 153)

Betaine : homocysteine methyltransferase; Fibroblast; Betaine; Homocysteine; Vascular disease (Wang, J. (204) 239)

Lymphoid cell lines

Arylsulfatase A; Cerebrosidase sulfatase; Arylsulfatase B; Metachromatic leukodystrophy; Mucopolysaccharidosis type VI (Maroteaux-Lamy syndrome); Multiple sulfatase deficiency (Tempesta, M.-C. (202) 149)

Lymphoid differentiation

Immunoglobulin genes; T cell receptor genes; Gene rearrangement; Southern blot analysis; Leukemias; Malignant lymphomas; Clonality; Oligoclonality; Clonal progression; Lineage infidelity; Immunodeficiency; Benign clonal proliferations; Richter's syndrome; Minimal residual disease (Van Dongen, J.J.M. (198) 93)

Lysosomal disorders

Metachromatic leukodystrophy; Gaucher disease; Tay-Sachs disease; Polymerase chain reaction; Arylsulfatase A; Pseudodeficiency (Louie, E. (199) 7)

Lysosomal enzymes

Aqueous humor; Glaucoma; Cataracts (Weinreb, R.N. (199) 1)

β -N-Acetylglucosaminidase; β -Glucuronidase; Aryl-sulfatase; Saphen (Hayer, M. (203) 343)

Lysosomal storage disorder

Urinary glucocerebrosidase; Gaucher disease; Asymptomatic Gaucher disease; Carrier detection; β -Glucosidase; Glycosphingolipidosis (Aerts, J.M.F.G. (203) 349)

Lysosome

Hexosaminidase A; Enzyme; Acid hydrolases; Tay-Sachs disease; Genetic diseases (Den Tandt, W.R. (199) 231)

M

Macro creatine kinase

Creatine kinase; Creatine kinase isozyme; Creatine kinase subform; Immunoglobulin A; Immune complex (Kanemitsu, F. (197) 9)

α_2 -Macroglobulin

Asthma; Age; Elastase (Kilroe-Smith, T.A. (202) 47)

Oxygen radicals; Granulocytes; Reperfusion injury (Donnelly, P.K. (202) 55)

Maize

Celiac disease; Cellular immunity; Antibody; Wheat; Cereals (Skerritt, J.H. (204) 109)

Malignant hyperthermia

Sarcolemma and sarcoplasmic reticulum pig muscular membrane; Halothane; Spin labeling (Thomas, M.A. (200) 201)

Malignant lymphomas

Immunoglobulin genes; T cell receptor genes; Gene rearrangement; Southern blot analysis; Lymphoid differentiation; Leukemias; Clonality; Oligoclonality; Clonal progression; Lineage infidelity; Immunodeficiency; Benign clonal proliferations; Richter's syndrome; Minimal residual disease (Van Dongen, J.J.M. (198) 93)

Malondialdehyde

Myocardial infarction; Lipid peroxide; Detoxification enzymes (Loeper, J. (196) 119)

Maple syrup urine disease (MSUD)

Phenylketonuria (PKU); Tyrosinemia; Newborn screening; HPLC (Qu, Y. (203) 191)

Masking and demasking system

Serum zinc; Highly sensitive reagent; Microwell plates; Dual-wavelength spectrophotometry; Pediatric chemistry (Makino, T. (197) 209)

Mass spectrometry

Neutral steroids; Profiles; Urine; Gas-liquid chromatography; Oxytetracycline (Hämäläinen, E. (199) 205)

Lignan; Genistein; Isoflavonoids; Gas chromatography (Adlercreutz, H. (199) 263)

Matrix modification

Bismuth in blood and serum; Platinum; EAAS; Storage (Slikkerveer, A. (201) 17)

MCAD

Inborn error; Skin fibroblasts; GC/MS; Mitochondrial β -oxidation (Niezen-Koning, K.E. (199) 173)

G985 MCAD mutation

Medium-chain acyl-CoA dehydrogenase (MCAD) deficiency; β -Oxidation defect; G985 polymerase chain reaction (PCR) assay; Dried blood spots (GREGersen, N. (203) 23)

MDH

Histiocytosis X; Blood cells; Monocyte; Lymphocyte; LDH (Perlino, E. (200) 153)

Medium chain acylCoA dehydrogenase deficiency

Sudden infant death syndrome; Carnitine; Neonatal screening (Barns, R.J. (197) 27)

Medium-chain acyl-CoA dehydrogenase (MCAD) deficiency

β -Oxidation defect; G985 MCAD mutation; G985 polymerase chain reaction (PCR) assay; Dried blood spots (GREGersen, N. (203) 23)

Membrane cholesterol

Red blood cells (Macchia, T. (199) 59)

Membrane fluidity

Unstable hemoglobin; Free radicals; Peroxidation; Antioxidative enzymes; Splenectomy (Falcioni, G. (196) 153)

Membrane protein

Hereditary spherocytosis; Erythrocyte; Proteolytic susceptibility (Gaczyńska, M. (198) 267)

Membranous glomerulonephritis

Serum laminin; Minimal change nephrosis; Lupus nephritis; Diabetic nephropathy; Renal cell carcinoma (Horikoshi, S. (196) 185)

Metabolic inborn errors

Screening test; Pyruvate; Lactate (Kuroda, Y. (199) 17)

Metachromatic leukodystrophy

Gaucher disease; Tay-Sachs disease; Polymerase chain reaction; Arylsulfatase A; Pseudo-deficiency; Lysosomal disorders (Louie, E. (199) 7)

[1-¹⁴C]Acyl-sphingosine-galactose-3-sulfate; Radioactive sulfatides; Cerebroside sulfate sulfatase; Radioscanning (Masson, M. (201) 157)

Arylsulfatase A; Cerebroside sulfatase; Arylsulfatase B; Mucopolysaccharidosis type VI (Maroteaux-Lamy syndrome); Multiple sulfatase deficiency; Lymphoid cell lines (Tempesta, M.-C. (202) 149)

Methanogenesis

Hydrogen sulphide; Sulphate reduction; Human feces; Colon; Sulphidogenesis (Florin, T.H.J. (196) 127)

Methotrexate

Aminopterin; Diarrhea; Small intestine; Prostaglandin; Rat (Weiler, H. (199) 283)

Acute lymphoblastic leukemia; Arachnoid; Corticosteroids; Fibroproliferative response; Intraspinal injections (Vainionpää, L. (203) 47)

1-Methylinosine

Tumor marker; ELISA; Nucleoside; Urine; Human (D'Ambrosio, S.M. (199) 119)

Methylmalonic aciduria

Carnitine; Inherited metabolic disorder; Organic aciduria; Propionic acidemia; NMR spectroscopy (Davies, S.E.C. (204) 263)

Mevalonic aciduria

Cholesterol biosynthesis; Prenatal diagnosis; Carrier detection; Stable isotope dilution assay (Hoffmann, G.F. (198) 209)

 α_1 -Microglobulin

Diurnal variation; Osmolality (Itoh, Y. (201) 123)

beta-2-Microglobulin

Amyloid; Dementia; Dialysis (Annunziata, P. (201) 139)

Microheterogeneity

α_1 -Acid glycoprotein; Elderly; Crossed affino-immunoelectrophoresis (Kawerk, N. (202) 65)

α_1 -Acid glycoprotein; Orosomucoid; Human fetus; Concanavalin A (Seta, N. (203) 167)

Microscopic examination

Crystalluria; Coulter Counter (Hennequin, C. (200) 227)

Microsome

Glycosylation; Dolichylmonophosphate; Mitochondria; Muscle; Myopathy (Gasnier, F. (199) 69)

Microwell plates

Serum zinc; Highly sensitive reagent; Dual-wavelength spectrophotometry; Masking and demasking system; Pediatric chemistry (Makino, T. (197) 209)

Mid region parathyroid hormone

Intact parathyroid hormone assay; Ethylene diamine tetraacetic acid-infusion test; Hyperthyroidism (Bergenfz, A. (197) 229)

Minimal change nephrosis

Serum laminin; Membranous glomerulonephritis; Lupus nephritis; Diabetic nephropathy; Renal cell carcinoma (Horikoshi, S. (196) 185)

Minimal residual disease

Immunoglobulin genes; T cell receptor genes; Gene rearrangement; Southern blot analysis; Lymphoid differentiation; Leukemias; Malignant lymphomas; Clonality; Oligoclonality; Clonal progression; Lineage infidelity; Immunodeficiency; Benign clonal proliferations; Richter's syndrome (Van Dongen, J.J.M. (198) 93)

Mitochondria

Glycosylation; Dolichylmonophosphate; Microsome; Muscle; Myopathy (Gasnier, F. (199) 69)

Mitochondrial aspartate aminotransferase

Ornithine carbamyl transferase; Liver mitochondria; Ammonia assay; Glutamate dehydrogenase (Peltenburg, H.G. (203) 395)

Mitochondrial β -oxidation

Inborn error; MCAD; Skin fibroblasts; GC/MS (Niezen-Koning, K.E. (199) 173)

Mitochondrial transport

Hyperornithinemia-hyperammonemia-homocitrullinuria; Liquid chromatography-mass spectrometry; Stable isotope; Ornithine (Tsujino, S. (201) 129)

Modelling

Cholesteryl ester; Simvastatin; Lipoprotein metabolism; Compartmental analysis; (human) (Magot, T. (196) 59)

Molecular mimicry

Rheumatoid arthritis; BSA; Antibody (Pérez-Maceda, B. (203) 153)

Monitoring

Phenylketonuria; Plasma phenylalanine; Enzymatic assay (Wendel, U. (201) 95)

Monoclonal antibodies

Enzyme linked immunosorbent assay; Plasma cholinesterase; Pregnancy; Puerperium (Whitaker, M. (199) 223)

Integrins; Enzyme immunoassay; Liver disease (Katayama, M. (202) 179)

Monoclonal antibody

Cerebrospinal fluid; Gangliosides; Sulfatide; Immunoaffinity; Cholera toxin (Davidsson, P. (197) 103)

Human ventricular myosin heavy chain; Myocardial necrosis (Simeonova, P.P. (201) 207)

Serum arylesterase; Cirrhosis; ELISA (Kawai, H. (202) 219)

Alkaline phosphatase isozyme; Intestinal alkaline phosphatase; ABO blood groups; Secretor phenotype (Domar, U. (203) 305)

Monocyte

Histiocytosis X; Blood cells; Lymphocyte; LDH; MDH (Perlino, E. (200) 153)

Monocyte-derived macrophage

N-acetyl- β -D-Glucosaminidase isoenzyme; Zymosan; Interferon- γ (Bourbouze, R. (199) 185)

Mononuclear cells

Zinc; Leucocytes; Polymorphonuclear cells; Plasma; Inflammation (Peretz, A. (203) 35)

Mucin

Colon; Feces; Glycoconjugate; Glycoprotein; Mucus (Clamp, J.R. (203) 243)

Mucopolysaccharidosis type VI (Maroteaux-Lamy syndrome)

Arylsulfatase A; Cerebroside sulfatase; Arylsulfatase B; Metachromatic leukodystrophy; Multiple sulfatase deficiency; Lymphoid cell lines (Tempesta, M.-C. (202) 149)

Mucus

Colon; Feces; Glycoconjugate; Glycoprotein; Mucin (Clamp, J.R. (203) 243)

Multiple myeloma

Serum protein; Fructosamine; Glucose metabolism (Montagna, M.P. (204) 123)

Multiple sclerosis

β -N-Acetylhexosamidase; Automated procedure; Human cerebrospinal fluid; Human serum (Datti, A. (200) 73)

Multiple sulfatase deficiency

Arylsulfatase A; Cerebroside sulfatase; Arylsulfatase B; Metachromatic leukodystrophy; Mucopolysaccharidosis type VI (Maroteaux-Lamy syndrome); Lymphoid cell lines (Tempesta, M.-C. (202) 149)

Multivariate analysis

Serum isoferitin; Heterozygous β -thalassaemia; Spectrotype (Lasne, Y. (197) 85)

Muscle

Protease; Peptidase; Aminopeptidase (Mantle, D. (197) 35)

Glycosylation; Dolichylmonophosphate; Mitochondria; Microsome; Myopathy (Gasnier, F. (199) 69)

Myasthenia gravis

Anti-skeletal muscle antibody; Thymoma; Anti-acetylcholine receptor antibody (Ohta, M. (201) 201)

Myocardial infarction

Lipid peroxide; Malondialdehyde; Detoxification enzymes (Loeper, J. (196) 119)

Isoenzyme; Human; Creatine kinase; Subform; Computer-fitting (Christenson, R.H. (200) 23)

Myocardial necrosis

Human ventricular myosin heavy chain; Monoclonal antibody (Simeonova, P.P. (201) 207)

Myoglobin

Latex immunonephelometric assay (Massoubre, C. (201) 223)

Myonecrosis, Diagnosis

Sialidase (Neuraminidase); Sialidase antibodies; Clostridia; ELISA; Patients (Roggentin, P. (196) 97)

Myopathy

Glycosylation; Dolichylmonophosphate; Mitochondria; Microsome; Muscle (Gasnier, F. (199) 69)

N

Neonatal screening

Sudden infant death syndrome; Carnitine; Medium chain acylCoA dehydrogenase deficiency (Barns, R.J. (197) 27)

Congenital hypothyroidism; Fluorometric enzyme immunoassay (Tuuminen, T. (202) 167)

Neopterin

Pterins; Inflammatory disease; Cytokine; Interferon (Müller, M.M. (201) 1)

Nephrocalcin

Protein-bound Gla urinary content; Calcium oxalate nephrolithiasis; Calcium stone formation inhibitors (Colette, C. (204) 43)

Nephropathy

Diabetes; β -Hexosaminidase; Isoenzymes; Plasma; Retinopathy (Hultberg, B. (196) 177)

Neurological diseases

Enzyme linked immunosorbent assay; Apolipoprotein E; Apolipoprotein B; Cerebrospinal fluid (Carlsson, J. (196) 167)

Neutral steroids

Profiles; Urine; Gas-liquid chromatography; Mass spectrometry; Oxytetracycline (Hämäläinen, E. (199) 205)

Neutrophils

Polymorphonuclear leucocytes; Hydrogen peroxide; Glutathione cycle; Respiratory burst; Photometric assay (Negri, M. (199) 305)

Newborn screening

Phenylketonuria (PKU); Maple syrup urine disease (MSUD); Tyrosinemia; HPLC (Qu, Y. (203) 191)

NIDDM

IgA; Serum immunoglobulins; IDDM (Rodríguez-Segade, S. (203) 135)

NMR spectroscopy

Carnitine; Inherited metabolic disorder; Organic aciduria; Propionic acidemia; Methylmalonic aciduria (Davies, S.E.C. (204) 263)

Non-esterified fatty acid

Arachidonic acid; Diabetes mellitus; Diabetic retinopathy; Eicosapentaenoic acid; Platelet aggregation (Myrup, B. (204) 251)

Norethindrone

Ethinyl estradiol; Radioimmunoassay; Sephadex LH-20; Celite; Chromatography (Zacur, H.A. (204) 209)

Nucleoside

Tumor marker; ELISA; Urine; Human; 1-Methylinosine (D'Ambrosio, S.M. (199) 119)

O

Obesity

Body fat distribution; Serum lipoprotein; Age (Sönnichsen, A.C. (202) 133)

Oligoclonality

Immunoglobulin genes; T cell receptor genes; Gene rearrangement; Southern blot analysis; Lymphoid differentiation; Leukemias; Malignant lymphomas; Clonality; Clonal progression; Lineage infidelity; Immunodeficiency; Benign clonal proliferations; Richter's syndrome; Minimal residual disease (Van Dongen, J.J.M. (198) 93)

Oligosaccharide

Hypogalactosylation; IgG; Interleukin 6; Castleman disease (Nakao, H. (197) 221)

Galactosialidosis; Sialidosis; Subtype (Takahashi, Y. (203) 199)

Organic acids analysis

Oxoacids; Aldehydes; Ketones (Hoffmann, G.F. (199) 237)

Organic acids

3-Hydroxy-3-methylglutaric aciduria; Gas chromatography-mass spectrometry; Silylation; Derivatization; Urine analysis; Cot death (Mills, G.A. (204) 131)

Organic aciduria

Carnitine; Inherited metabolic disorder; Propionic acidemia; Methylmalonic aciduria; NMR spectroscopy (Davies, S.E.C. (204) 263)

Ornithine carbamyl transferase

Liver mitochondria; Ammonia assay; Glutamate dehydrogenase; Mitochondrial aspartate aminotransferase (Peltenburg, H.G. (203) 395)

Ornithine

Hyperornithinemia-hyperammonemia-homocitrullinuria; Mitochondrial transport; Liquid chromatography-mass spectrometry; Stable isotope (Tsujino, S. (201) 129)

Orosomucoid

α_1 -Acid glycoprotein; Microheterogeneity; Human fetus; Concanavalin A (Seta, N. (203) 167)

Osmolality

Diurnal variation; α_1 -Microglobulin (Itoh, Y. (201) 123)

Oxalosis

Glycolic acid; Glyoxylic acid; Blood glycolic acid; Primary hyperoxaluria; Chronic renal failure (Petrarulo, M. (196) 17)

Oxidant/antioxidant properties of drugs

Autooxidation of L-3,4-dihydroxyphenylalanine to carbon monoxide; Head-space gas chromatography (Cooper, M.J. (202) 105)

 β -Oxidation defect

Medium-chain acyl-CoA dehydrogenase (MCAD) deficiency; G985 MCAD mutation; G985 polymerase chain reaction (PCR) assay; Dried blood spots (Gregersen, N. (203) 23)

Oxidative sensitivity

Asthma bronchiale; Red blood cells; Antioxidant enzymes; Lipid peroxidation (Novák, Z. (201) 247)

Oxoacids

Organic acids analysis; Aldehydes; Ketones (Hoffmann, G.F. (199) 237)

Oxygen radicals

α_2 -Macroglobulin; Granulocytes; Reperfusion injury (Donnelly, P.K. (202) 55)

Oxytetracycline

Neutral steroids; Profiles; Urine; Gas-liquid chromatography; Mass spectrometry (Hämäläinen, E. (199) 205)

P

PAF

Platelet activating factor; PAF acetylhydrolase; Urine enzymes; Renal disease (Kirschbaum, B. (199) 139)

PAF acetylhydrolase

Platelet activating factor; PAF; Urine enzymes; Renal disease (Kirschbaum, B. (199) 139)

Platelet activating factor (PAF); Low density lipoprotein; High density lipoprotein; Cholesterol (Sato, K. (202) 95)

Palladium chemical modification

Thallium determination; Graphite furnace atomic absorption spectrometry; Sodium chloride interference; Urine, blood analysis (Yang, Q. (204) 23)

p-Aminobenzoic acid

p-Aminosalicylic acid; Drug interference; Fluorescence; HPLC; Pancreatic function testing (Pemberton, P.W. (199) 253)

p-Aminosalicylic acid

p-Aminobenzoic acid; Drug interference; Fluorescence; HPLC; Pancreatic function testing (Pemberton, P.W. (199) 253)

Pancreatic function testing

p-Aminobenzoic acid; *p*-Aminosalicylic acid; Drug interference; Fluorescence; HPLC (Pemberton, P.W. (199) 253)

Pancreatic trypsin inhibitor (Kunitz)

Spectrin; Erythrocyte membrane (human); Quantitative analysis; SDS-PAGE; Internal standard (Yoshida, H. (199) 99)

Pancreatitis

Cholecystokinin (Springer, C.J. (198) 245)

Particle agglutination

Urine protein 1; Retinol-binding protein; Renal tubular dysfunction; Sex difference (Bernard, A. (201) 231)

Patients

Sialidase (Neuraminidase); Sialidase antibodies; Clostridia; Myonecrosis, Diagnosis; ELISA (Roggentin, P. (196) 97)

Pediatric chemistry

Serum zinc; Highly sensitive reagent; Microwell plates; Dual-wavelength spectrophotometry; Masking and demasking system (Makino, T. (197) 209)

Peptidase

Protease; Aminopeptidase; Muscle (Mantle, D. (197) 35)

Peptidoglycan monomer

Radioimmunoassay; Boc-tyrosyl-peptidoglycan monomer (Vranešić, B. (202) 23)

Peroxidation

Unstable hemoglobin; Free radicals; Antioxidative enzymes; Membrane fluidity; Splenectomy (Falcioni, G. (196) 153)

Peroxide-induced haemolysis

Vitamin E; Cystic fibrosis (James, D.R. (204) 279)

Peroxisomal disorder

Bile acids; Inborn error; Zellweger syndrome; Peroxisome; Peroxisomal β -oxidation (Wanders, R.J.A. (202) 123)

Peroxisomal β -oxidation

Peroxisomal disorder; Bile acids; Inborn error; Zellweger syndrome; Peroxisome (Wanders, R.J.A. (202) 123)

Peroxisome

Peroxisomal disorder; Bile acids; Inborn error; Zellweger syndrome; Peroxisomal β -oxidation (Wanders, R.J.A. (202) 123)

pH

Human blood serum; Aminoacid stability; Ultrafiltration; Storage; Temperature (Kornhuber, M.E. (197) 189)

Phenethylamine

Hepatic encephalopathy; Biogenic amine; Liver cirrhosis; Liver disease (Yonekura, T. (199) 91)

Phenylketonuria

Monitoring; Plasma phenylalanine; Enzymatic assay (Wendel, U. (201) 95)

Phenylketonuria (PKU)

Maple syrup urine disease (MSUD); Tyrosinemia; Newborn screening; HPLC (Qu, Y. (203) 191)

Phosphate

Heritable disorder; Genetics; Alkaline phosphatase; Phosphoethanolamine (Macfarlane, J.D. (202) 141)

Phosphoethanolamine

Heritable disorder; Genetics; Alkaline phosphatase; Phosphate (Macfarlane, J.D. (202) 141)

Phospholipase A₂

Albumin; Serum; Acute pancreatitis (Langton, S.R. (203) 249)

Phospholipids

Fatty acids; Silica Sep-Pak cartridge (Ellin, Å. (200) 59)

Phosphoramidon

h-ANP; In vitro stability; Aprotinin (Artner-Dworzak, E. (203) 235)

Phosphoribosylpyrophosphate synthetase

High-performance liquid chromatography; Gout; Pyrimidine 5'-nucleotidase deficiency (Sakuma, R. (203) 143)

Photometric assay

Polymorphonuclear leucocytes; Neutrophils; Hydrogen peroxide; Glutathione cycle; Respiratory burst (Negri, M. (199) 305)

Photosensitizer

Porphyrin; Light; Hydrogen peroxide; Singlet oxygen; Hydroxyl (Aravind Menon, I. (202) 237)

Phytohemagglutinin stimulation

Aminopeptidase P; Dipeptidyl peptidase IV; Leukocyte; Lymphocyte (Hendriks, D. (196) 87)

pIgA receptor

Free secretory component; Human bile FSC; Human serum FSC; pIgA transcytic pathway; FSC in liver disease (Perez, J.H. (197) 171)

pIgA transcytic pathway

Free secretory component; Human bile FSC; Human serum FSC; pIgA receptor; FSC in liver disease (Perez, J.H. (197) 171)

Pigment gallstones

Arachidonic acid; Cholesterol gallstones; Deoxycholic acid (Van Erpecum, K.J. (199) 295)

Plasma

C-Peptide; Rapid method; Radioimmunoassay (Sælsen, L. (196) 1)

Diabetes; β -Hexosaminidase; Isoenzymes; Nephropathy; Retinopathy (Hultberg, B. (196) 177)

Heparin; Anticoagulants; Free fatty acids (McGann, A.M. (197) 265)

Zinc; Leucocytes; Mononuclear cells; Polymorphonuclear cells; Inflammation (Peretz, A. (203) 35)

Plasma cholinesterase

Enzyme linked immunosorbent assay; Monoclonal antibodies; Pregnancy, Puerperium (Whittaker, M. (199) 223)

Plasma GHRH level

GHRH(1-29)-Gly₄-Cys-NH₂; GHRH RIA; Cultured GHRH-producing tumor cells (Zhang, C.-y. (202) 243)

Plasma glycine

HPLC; Gynecological surgery (Sherwood, R.A. (203) 275)

Plasma kallikrein-kinin system

Plasma prekallikrein; Discrete type autoanalyzer; *Pseudomonas aeruginosa* elastase (Shibuya, Y. (200) 119)

Plasma lactoferrin

Lactoferrin; Bone marrow transplantation; Enzyme immunoassay (Suzuki, T. (202) 111)

Plasma phenylalanine

Phenylketonuria; Monitoring; Enzymatic assay (Wendel, U. (201) 95)

Plasma prekallikrein

Discrete type autoanalyzer; Plasma kallikrein-kinin system; *Pseudomonas aeruginosa* elastase (Shibuya, Y. (200) 119)

Platelet activating factor

PAF; PAF acetylhydrolase; Urine enzymes; Renal disease (Kirschbaum, B. (199) 139)

Platelet activating factor (PAF)

Radioimmunoassay; Saliva (Cooney, S.J. (200) 161)

PAF acetylhydrolase; Low density lipoprotein; High density lipoprotein; Cholesterol (Satoh, K. (202) 95)

Platelet aggregation

Fibronectin; Cell adhesion peptide; Diabetic retinopathy; Glaucoma; Retinal vein occlusion (Babizhayev, M.A. (196) 77)

Arachidonic acid; Diabetes mellitus; Diabetic retinopathy; Eicosapentaenoic acid; Non-esterified fatty acid (Myrup, B. (204) 251)

Platinum

Bismuth in blood and serum; EAAS; Matrix modification; Storage (Slikkerveer, A. (201) 17)

Pneumocystis carinii pneumonitis

Bronchoalveolar lavage; Epithelial lining fluid; Respiratory membrane permeability; Sarcoidosis; Bronchial asthma (Van de Graaf, E.A. (196) 27)

Point mutations

Bisalbuminemia; Alloalbuminemia; Albumins IRE1 and IRE2; Albumin Dublin; Albumin genetic variants (Sakamoto, Ya. (204) 179)

Polyacrylamide gel

Alkaline phosphatase; Serum (Ramasamy, I. (199) 243)

Polymerase chain reaction

Metachromatic leukodystrophy; Gaucher disease; Tay-Sachs disease; Arylsulfatase A; Pseudodeficiency; Lysosomal disorders (Louie, E. (199) 7)

G985 polymerase chain reaction (PCR) assay

Medium-chain acyl-CoA dehydrogenase (MCAD) deficiency; β -Oxidation defect; G985 MCAD mutation; Dried blood spots (Gregersen, N. (203) 23)

Polymorphonuclear cells

Zinc; Leucocytes; Mononuclear cells; Plasma; Inflammation (Peretz, A. (203) 35)

Polymorphonuclear leucocytes

Neutrophils; Hydrogen peroxide; Glutathione cycle; Respiratory burst; Photometric assay (Negri, M. (199) 305)

Polyprenoid

Analgesic; Exercise; Sauna (Roine, R. (204) 13)

Porphobilinogen deaminase

Acute intermittent porphyria; ELISA; Erythrocyte; Lymphocyte (Lilius, L. (197) 77)

Porphyria

Photosensitizer; Light; Hydrogen peroxide; Singlet oxygen; Hydroxyl (Aravind Menon, I. (202) 237)

8-Port injection valve

Flow injection analysis; Glucose; Blood serum (Araujo, A.N. (203) 67)

Porta caval shunt

Free fatty acids; Rat; Hepatic encephalopathy; Liver ischemia (Smit, J.J.H. (197) 95)

Postmortem change

Apolipoprotein E; Storage; Isoelectric focusing; Immunoblotting (Lehtimäki, T. (203) 177)

Potassium

Aging; Erythrocyte; Sodium; Sodium transport (Heseltine, D. (196) 41)

Pravastatin

Hypercholesterolemia; HMG-CoA reductase inhibitor; Lp (a); Acute-phase response; Coronary heart disease (CHD) (Fieseler, H.-G. (204) 291)

Prealbumin

Transthyretin; Cerebrospinal fluid; ELISA (Vatassery, G.T. (197) 19)

Pregnancy

Isotransferrin (Van Dijk, J.P. (203) 1)

α_1 -Acid glycoprotein; Glycan (Biou, D. (204) 1)

Pregnancy proteins

Affinity chromatography; Amniotic fluid; Immunoelectrophoresis (Sørensen, S. (202) 199)

Pregnancy, Puerperium

Enzyme linked immunosorbent assay; Monoclonal antibodies; Plasma cholinesterase (Whitaker, M. (199) 223)

Prenatal diagnosis

Mevalonic aciduria; Cholesterol biosynthesis; Carrier detection; Stable isotope dilution assay (Hoffmann, G.F. (198) 209)

Isovaleric acidemia; Tandem mass spectrometry; Carnitine (Shigematsu, Y. (203) 369)

Primary biliary cirrhosis

Selenium; Glutathione peroxidase (Välimäki, M. (196) 7)

Primary hyperoxaluria

Glycolic acid; Glyoxylic acid; Blood glycolic acid; Oxalosis; Chronic renal failure (Petrarulo, M. (196) 17)

Pro-colipase activation peptide

Enzyme-linked immunosorbent assay; Satiety; Acute pancreatitis (Bowyer, R.C. (200) 137)

Procollagen III

Hepatic fibrosis; Chronic liver diseases; Collagen peptidase (Müller, A. (197) 59)

Profiles

Neutral steroids; Urine; Gas-liquid chromatography; Mass spectrometry; Oxytetracycline (Hämäläinen, E. (199) 205)

Propionic acidemia

Carnitine; Inherited metabolic disorder; Organic aciduria; Methylmalonic aciduria; NMR spectroscopy (Davies, S.E.C. (204) 263)

Prostaglandin

Aminopterin; Methotrexate; Diarrhea; Small intestine; Rat (Weiler, H. (199) 283)

Protease

Peptidase; Aminopeptidase; Muscle (Mantle, D. (197) 35)

Protein-bound Glu urinary content

Calcium oxalate nephrolithiasis; Nephrocalcin; Calcium stone formation inhibitors (Colette, C. (204) 43)

Proteinuria

Adenosine-deaminase-binding protein; Renal tubular function; Renal tubular disorders (Flynn, F.V. (200) 183)

Proteolysis

Erythrocyte; Down's syndrome; Antioxidative enzymes (Bartosch, G. (198) 239)

Proteolytic susceptibility

Hereditary spherocytosis; Erythrocyte; Membrane protein (Gaczyńska, M. (198) 267)

Proteus mirabilis

Urolithiasis; Urine; Crystal inhibitor; Struvite; Pyrophosphate (McLean, R.J.C. (200) 107)

Pseudodeficiency

Metachromatic leukodystrophy; Gaucher disease; Tay-Sachs disease; Polymerase chain reaction; Arylsulfatase A; Lysosomal disorders (Louie, E. (199) 7)

Pseudomonas aeruginosa elastase

Plasma prekallikrein; Discrete type autoanalyzer; Plasma kallikrein-kinin system (Shibuya, Y. (200) 119)

Pterins

Neopterin; Inflammatory disease; Cytokine; Interferon (Müller, M.M. (201) 1)

Purine metabolism

Allele specific oligonucleotide; Dot-blot hybridization; Germline mutation; Urolithiasis; Avidin-biotin; Chemiluminescence (Kawaguchi, R. (203) 183)

[¹⁴C]Putrescine

Diamine oxidase (Smith, C.H. (201) 89)

Pyrimidine 5'-nucleotidase

Erythrocyte; Fast electrophoretic mobility (Li, J.-Y. (200) 43)

Pyrimidine 5'-nucleotidase deficiency

High-performance liquid chromatography; Phosphoribosylpyrophosphate synthetase; Gout (Sakuma, R. (203) 143)

Pyroglutamic acid

Hyperammonemia; Urea cycle defects (Nakanishi, T. (197) 249)

Pyrophosphate

Urolithiasis; Urine; *Proteus mirabilis*; Crystal inhibitor; Struvite (McLean, R.J.C. (200) 107)

Pyruvate

Screening test; Lactate; Metabolic inborn errors (Kuroda, Y. (199) 17)

Q

Quantitative analysis

Spectrin; Erythrocyte membrane (human);
SDS-PAGE; Pancreatic trypsin inhibitor (Kunitz); Internal standard (Yoshida, H. (199) 99)

R

Radioactive sulfatides

[1-¹⁴C]Acyl-sphingosine-galactose-3-sulfate; Cerebroside sulfate sulfatase; Radioscanning; Metachromatic leukodystrophy (Masson, M. (201) 157)

Radioimmunoassay

C-Peptide; Rapid method; Plasma (Sælsen, L. (196) 1)

Platelet activating factor (PAF); Saliva (Cooney, S.J. (200) 161)

Peptidoglycan monomer; Boc-tyrosyl-peptidoglycan monomer (Vranešić, B. (202) 23)

Arylsulfatase A; Serum concentration; Cancer (Laidler, P. (204) 69)

Norethindrone; Ethinyl estradiol; Sephadex LH-20; Celite; Chromatography (Zacur, H.A. (204) 209)

Radioscanning

[1-¹⁴C]Acyl-sphingosine-galactose-3-sulfate; Radioactive sulfatides; Cerebroside sulfate sulfatase; Metachromatic leukodystrophy (Masson, M. (201) 157)

radiotherapy

γ-Glutamyl transpeptidase; Head and neck cancer; TNM stage (Singh, J. (203) 375)

Raman

Calculi; Calcium oxalates (Sudlow, K. (203) 387)

Rapid method

C-Peptide; Radioimmunoassay; Plasma (Sælsen, L. (196) 1)

Rat

Free fatty acids; Hepatic encephalopathy; Liver ischemia; Porta caval shunt (Smit, J.J.H. (197) 95)

Aminopterin; Methotrexate; Diarrhea; Small intestine; Prostaglandin (Weiler, H. (199) 283)

Creatine kinase release; Contractile activity; Skeletal muscle (West-Jordan, J.A. (203) 119)

Rate nephelometry

Apo A1; Apo B; Immunoturbidimetry (Glueck, C.J. (197) 121)

Receptor

Coronary heart disease; Hypercholesterolemia; Low density lipoprotein (Joven, J. (197) 67)

Receptor diversity

Immunoglobulin genes; T cell receptor genes; Gene rearrangement; Southern blot analysis; Clonality; Clonal proliferation; DNA extraction; Restriction enzymes; Restriction maps; DNA probes; IgH genes; Igκ genes; Igλ genes; TcR-β genes; TcR-γ genes; TcR-δ genes; Genetic polymorphism; Detection limit (Van Dongen, J.J.M. (198) 1)

Beta-2 receptor tolerance

Lipolysis; Free fatty acids; Triglyceride (Kendall, M.J. (204) 51)

Recursive partitioning

Discriminant analysis; Statistics; Hypercalcemia (Lacher, D.A. (204) 199)

Red blood cells

Membrane cholesterol (Macchia, T. (199) 59)

Asthma bronchiale; Oxidative sensitivity; Antioxidant enzymes; Lipid peroxidation (Novák, Z. (201) 247)

Reference interval

Serum catalase; Hydrogen peroxide and ammonium molybdate, complex of; Age and sex dependence (Góth, L. (196) 143)

Alkaline phosphatase; Bone disease; Liver disease; Affinity chromatography; Immunoassay (Gonchoroff, D.G. (199) 43)

Reference values

Apolipoprotein; Turbidimetric immunoassay; Age- and sex-related differences; Japanese subjects (Noma, A. (199) 147)

gamma-Aminobutyric acid; Cerebrospinal fluid; Childhood; Ion-exchange chromatography; Fluorescence detection (Carchon, H.A. (201) 83)

Renal cell carcinoma

Serum laminin; Minimal change nephrosis; Membranous glomerulonephritis; Lupus nephritis; Diabetic nephropathy (Horikoshi, S. (196) 185)

Renal disease

Platelet activating factor; PAF; PAF acetylhydrolase; Urine enzymes (Kirschbaum, B. (199) 139)

Renal failure

Serum amyloid P component; Amyloidosis; Hemodialysis; Continuous ambulatory peritoneal dialysis (Nelson, S.R. (200) 191)

Renal tubular disorders

Proteinuria; Adenosine-deaminase-binding protein; Renal tubular function (Flynn, F.V. (200) 183)

Renal tubular dysfunction

Urine protein I; Retinol-binding protein; Particle agglutination; Sex difference (Bernard, A. (201) 231)

Renal tubular function

Proteinuria; Adenosine-deaminase-binding protein; Renal tubular disorders (Flynn, F.V. (200) 183)

Renin

Angiotensin; Diuretics; Kidney; Sodium; Urine (Boer, P. (199) 195)

Reperfusion injury

α_2 -Macroglobulin; Oxygen radicals; Granulocytes (Donnelly, P.K. (202) 55)

Respiratory burst

Polymorphonuclear leucocytes; Neutrophils; Hydrogen peroxide; Glutathione cycle; Photometric assay (Negri, M. (199) 305)

Respiratory chain

X-linked muscular dystrophy; Cytochrome c (Nigro, G. (202) 89)

Respiratory membrane permeability

Bronchoalveolar lavage; Epithelial lining fluid; Sarcoidosis; Bronchial asthma; Pneumocystis carinii pneumonia (Van de Graaf, E.A. (196) 27)

Restriction enzymes

Immunoglobulin genes; T cell receptor genes; Gene rearrangement; Receptor diversity; Southern blot analysis; Clonality; Clonal proliferation; DNA extraction; Restriction maps; DNA probes; IgH genes; Ig κ genes; Ig λ genes; TcR- β genes; TcR- γ genes; TcR- δ genes; Genetic polymorphism; Detection limit (Van Dongen, J.J.M. (198) 1)

Restriction maps

Immunoglobulin genes; T cell receptor genes; Gene rearrangement; Receptor diversity; Southern blot analysis; Clonality; Clonal proliferation; DNA extraction; Restriction enzymes; DNA probes; IgH genes; Ig κ genes; Ig λ genes; TcR- β genes; TcR- γ genes; TcR- δ genes; Genetic polymorphism; Detection limit (Van Dongen, J.J.M. (198) 1)

Retinal vein occlusion

Platelet aggregation; Fibronectin; Cell adhesion peptide; Diabetic retinopathy; Glaucoma (Babizhayev, M.A. (196) 77)

Retinoic acid isomers

Retinol; Vitamin A; Diffuse idiopathic skeletal hyperostosis (Periquet, B. (203) 57)

Retinol

Retinoic acid isomers; Vitamin A; Diffuse idiopathic skeletal hyperostosis (Periquet, B. (203) 57)

Retinol-binding protein

Urine protein I; Renal tubular dysfunction; Particle agglutination; Sex difference (Bernard, A. (201) 231)

Retinopathy

Diabetes; β -Hexosaminidase; Isoenzymes; Nephropathy; Plasma (Hultberg, B. (196) 177)

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Liver; Triglyceride; Fatty acids; Hepatic desaturase (Kang, E.S. (204) 167)

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Erythrocyte; Clinical analysis; Graves' Disease; Glutathione (Reglinski, J. (201) 45)

Molecular mimicry; BSA; Antibody (Pérez-Maceda, B. (203) 153)

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Richter's syndrome

Immunoglobulin genes; T cell receptor genes; Gene rearrangement; Southern blot analysis; Lymphoid differentiation; Leukemias; Malignant lymphomas; Clonality; Oligoclonality; Clonal progression; Lineage infidelity; Immunodeficiency; Benign clonal proliferations; Minimal residual disease (Van Dongen, J.J.M. (198) 93)

S

Saliva

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Platelet activating factor (PAF); Radioimmunoassay (Cooney, S.J. (200) 161)

Saphen

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Sarcoidosis

Bronchoalveolar lavage; Epithelial lining fluid; Respiratory membrane permeability; Bronchial asthma; Pneumocystis carinii pneumonitis (Van de Graaf, E.A. (196) 27)

Sarcolemma and sarcoplasmic reticulum pig muscular membrane

Malignant hyperthermia; Halothane; Spin labeling (Thomas, M.A. (200) 201)

Satiety

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Saudi Arabia

Hydroxyproline; Alkaline phosphatase; Isoenzyme; Sick cell disease (Mohammed, S.M. (203) 285)

Sauna

Polyprenoid; Analgesic; Exercise (Roine, R. (204) 13)

Screening test

Pyruvate; Lactate; Metabolic inborn errors (Kuroda, Y. (199) 17)

SDS-PAGE

Spectrin; Erythrocyte membrane (human); Quantitative analysis; Pancreatic trypsin inhibitor (Kunitz); Internal standard (Yoshida, H. (199) 99)

Secretor phenotype

Alkaline phosphatase isozyme; Intestinal alkaline phosphatase; ABO blood groups; Monoclonal antibody (Domar, U. (203) 305)

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Sephadex LH-20

Norethindrone; Ethinyl estradiol; Radioimmunoassay; Celite; Chromatography (Zacur, H.A. (204) 209)

Serum

Aminopeptidase A (Okuyama, T. (196) 207)

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Phospholipase A₂; Albumin; Acute pancreatitis (Langton, S.R. (203) 249)

Creatinine deiminase; Urine; Bacterium BN11 (Gottschalk, E.M. (204) 223)

Serum amyloid P component

Amyloidosis; Renal failure; Hemodialysis; Continuous ambulatory peritoneal dialysis (Nelson, S.R. (200) 191)

Serum arylesterase

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Bioluminescence enzymatic analysis; Fluorescence enzymatic analysis; Gas chromatography-mass spectrometry (Rossi, S.S. (200) 63)

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Dipeptidase (Jackson, M.C. (196) 193)

Serum catalase

Hydrogen peroxide and ammonium molybdate, complex of; Reference interval; Age and sex dependence (Góth, L. (196) 143)

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Serum glycoproteins

LBSA determination; Gel electrophoresis and chromatography; Lipid analysis (Végh, Z. (203) 259)

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Serum isoferritin

Heterozygous β -thalassaemia; Spectrotype; Multivariate analysis (Lasne, Y. (197) 85)

Serum laminin

Minimal change nephrosis; Membranous glomerulonephritis; Lupus nephritis; Diabetic nephropathy; Renal cell carcinoma (Horikoshi, S. (196) 185)

Serum lipid

Cerebrotendinous xanthomatosis; Atherogenic risk factor; Lipoprotein; Coronary artery disease; Atherosclerosis (Fujiyama, J. (200) 1)

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Obesity; Body fat distribution; Age (Sönnichsen, A.C. (202) 133)

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Isozyme; Isoform; Biotinidase; Immunoblotting (Hart, P.S. (197) 257)

Multiple myeloma; Fructosamine; Glucose metabolism (Montagna, M.P. (204) 123)

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Highly sensitive reagent; Microwell plates; Dual-wavelength spectrophotometry; Masking and demasking system; Pediatric chemistry (Makino, T. (197) 209)

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Familial hypercholesterolemia; Density gradient ultracentrifugation; LDL subfractions (Tilly-Kiesi, M.K. (201) 65)

Urine protein 1; Retinol-binding protein; Renal tubular dysfunction; Particle agglutination (Bernard, A. (201) 231)

Short bowel syndrome

Amino acids; Chiral gas chromatography (Ketting, D. (204) 79)

Sialidase antibodies

Sialidase (Neuraminidase); Clostridia; Myonecrosis, Diagnosis; ELISA; Patients (Roggentin, P. (196) 97)

Sialidase

Lectin; Enzymatic assay (Lambré, C.R. (198) 183)

Sialidase (Neuraminidase)

Sialidase antibodies; Clostridia; Myonecrosis, Diagnosis; ELISA; Patients (Roggentin, P. (196) 97)

Sialidosis

Galactosialidosis; Oligosaccharide; Subtype (Takahashi, Y. (203) 199)

Sialyltransferase

Human plasma; Fluorometric assay; CMP-9-fluoresceinyl-NeuAc; Acceptor specificity (Gross, H.J. (197) 237)

Sickle cell anaemia

Histaminemia; Hypohistidinemia (Enwonwu, C.O. (203) 363)

Sickle cell disease

Hydroxyproline; Alkaline phosphatase; Isoenzyme; Saudi Arabia (Mohammed, S.M. (203) 285)

Silica Sep-Pak cartridge

Fatty acids; Phospholipids (Ellin, Å. (200) 59)

Silylation

3-Hydroxy-3-methylglutaric aciduria; Organic acids; Gas chromatography-mass spectrometry; Derivatization; Urine analysis; Cot death (Mills, G.A. (204) 131)

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Cholesteryl ester; Lipoprotein metabolism; Compartmental analysis; Modelling; (human) (Magot, T. (196) 59)

Low density lipoprotein; LDL particle size; Type IIb hyperlipoproteinemia (Zhao, S.P. (203) 109)

Singlet oxygen

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Damage; Cytosolic protein; Calcium (Jackson, M.J. (197) 1)

Creatine kinase release; Contractile activity; Rat (West-Jordan, J.A. (203) 119)

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Inborn error; MCAD; GC/MS; Mitochondrial β -oxidation (Niezen-Koning, K.E. (199) 173)

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Aminopterin; Methotrexate; Diarrhea; Prostaglandin; Rat (Weiler, H. (199) 283)

Smoking

Urine; Cotinine; HPLC; Colorimetric assay; Cigarettes low-yield (Kolonen, S.A. (196) 159)

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Aging; Erythrocyte; Potassium; Sodium transport (Heseltine, D. (196) 41)

Angiotensin; Diuretics; Kidney; Renin; Urine (Boer, P. (199) 195)

Sodium chloride interference

Thallium determination; Palladium chemical modification; Graphite furnace atomic absorption spectrometry; Urine, blood analysis (Yang, Q. (204) 23)

Sodium transport

Aging; Erythrocyte; Potassium; Sodium (Heseltine, D. (196) 41)

Southern blot analysis

Immunoglobulin genes; T cell receptor genes; Gene rearrangement; Receptor diversity; Clon-

ality; Clonal proliferation; DNA extraction; Restriction enzymes; Restriction maps; DNA probes; IgH genes; Ig κ genes; Ig λ genes; TcR- β genes; TcR- γ genes; TcR- δ genes; Genetic polymorphism; Detection limit (Van Dongen, J.J.M. (198) 1)

Immunoglobulin genes; T cell receptor genes; Gene rearrangement; Lymphoid differentiation; Leukemias; Malignant lymphomas; Clonality; Oligoclonality; Clonal progression; Lineage infidelity; Immunodeficiency; Benign clonal proliferations; Richter's syndrome; Minimal residual disease (Van Dongen, J.J.M. (198) 93)

Spectrin

Erythrocyte membrane (human); Quantitative analysis; SDS-PAGE; Pancreatic trypsin inhibitor (Kunitz); Internal standard (Yoshida, H. (199) 99)

Spectrotype

Serum isoferritin; Heterozygous β -thalassaemia; Multivariate analysis (Lasne, Y. (197) 85)

Spin labeling

Malignant hyperthermia; Sarcolemma and sarcoplasmic reticulum pig muscular membrane; Halothane (Thomas, M.A. (200) 201)

Splenectomy

Unstable hemoglobin; Free radicals; Peroxidation; Antioxidative enzymes; Membrane fluidity (Falcioni, G. (196) 153)

Spongy degeneration of brain

Canavan's disease; Aspartoacylase; Leukodystrophy (Barash, V. (201) 175)

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Hyperornithinemia-hyperammonemia-homocitrullinuria; Mitochondrial transport; Liquid chromatography-mass spectrometry; Ornithine (Tsujino, S. (201) 129)

Stable isotope dilution assay

Mevalonic aciduria; Cholesterol biosynthesis; Prenatal diagnosis; Carrier detection (Hoffmann, G.F. (198) 209)

Stable isotope labeling

Bile acids; Glycosylation (Matern, S. (203) 77)

Standardization program

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Statistics

Discriminant analysis; Recursive partitioning; Hypercalcemia (Lacher, D.A. (204) 199)

Storage

Human blood serum; Aminoacid stability; Ultrafiltration; pH; Temperature (Kornhuber, M.E. (197) 189)

Bismuth in blood and serum; Platinum; EAAS; Matrix modification (Slikkerveer, A. (201) 17)

Apolipoprotein E; Postmortem change; Isoelectric focusing; Immunoblotting (Lehtimäki, T. (203) 177)

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Urolithiasis; Urine; *Proteus mirabilis*; Crystal inhibitor; Pyrophosphate (McLean, R.J.C. (200) 107)

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Cerebrospinal fluid; Gangliosides; Immunoaffinity; Cholera toxin; Monoclonal antibody (Davidsson, P. (197) 103)

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Hydrogen sulphide; Human feces; Colon; Sulphidogenesis; Methanogenesis (Florin, T.H.J. (196) 127)

Sulphidogenesis

Hydrogen sulphide; Sulphate reduction; Human feces; Colon; Methanogenesis (Florin, T.H.J. (196) 127)

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α_1 -Acid glycoprotein; Variants; Acute-phase (Eap, C.B. (203) 379)

T

T cell receptor genes

Immunoglobulin genes; Gene rearrangement; Receptor diversity; Southern blot analysis; Clonality; Clonal proliferation; DNA extraction; Restriction enzymes; Restriction maps; DNA probes; IgH genes; Ig κ genes; Ig λ genes; TcR- β genes; TcR- γ genes; TcR- δ genes; Genetic polymorphism; Detection limit (Van Dongen, J.J.M. (198) 1)

Immunoglobulin genes; Gene rearrangement; Southern blot analysis; Lymphoid differentiation; Leukemias; Malignant lymphomas; Clonality; Oligoclonality; Clonal progression; Lineage infidelity; Immunodeficiency; Benign clonal proliferations; Richter's syndrome; Minimal residual disease (Van Dongen, J.J.M. (198) 93)

Tandem mass spectrometry

Isovaleric acidemia; Prenatal diagnosis; Carnitine (Shigematsu, Y. (203) 369)

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Hexosaminidase A; Enzyme; Lysosome; Acid hydrolases; Genetic diseases (Den Tandt, W.R. (199) 231)

TcR- β genes

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TcR- δ genes

Immunoglobulin genes; T cell receptor genes; Gene rearrangement; Receptor diversity; Southern blot analysis; Clonality; Clonal proliferation;

DNA extraction; Restriction enzymes; Restriction maps; DNA probes; IgH genes; Ig κ genes; Ig λ genes; TcR- β genes; TcR- γ genes; Genetic polymorphism; Detection limit (Van Dongen, J.J.M. (198) 1)

TcR- γ genes

Immunoglobulin genes; T cell receptor genes; Gene rearrangement; Receptor diversity; Southern blot analysis; Clonality; Clonal proliferation; DNA extraction; Restriction enzymes; Restriction maps; DNA probes; IgH genes; Ig κ genes; Ig λ genes; TcR- β genes; TcR- δ genes; Genetic polymorphism; Detection limit (Van Dongen, J.J.M. (198) 1)

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Human blood serum; Aminoacid stability; Ultrafiltration; Storage; pH (Kornhuber, M.E. (197) 189)

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Erythrocyte; Transketolase; Apoenzyme; Thiamine diphosphate (Price, J. (202) 39)

Thiamine diphosphate

Erythrocyte; Transketolase; Apoenzyme; Thiamine (Price, J. (202) 39)

Thiocyanate:creatinine ratio

Urine; Cigarette smoking (PrJe, J. (204) 87)

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Human blood serum; Aminoacid stability; Storage; pH; Temperature (Kornhuber, M.E. (197) 189)

Free steroid; Free cortisol; Free prednisolone; Ultracentrifugation (Adachi, K. (200) 13)

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UltramicroElisa

Total thyroxine; Enzyme immunoassay; Ultramicroanalytical system; β -Galactosidase conjugate; Hypothyroidism (Gonzalez, R.R. (197) 159)

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Carrington's disease; Eosinophil-derived basic proteins; Ribonuclease activity (Deviller, P. (201) 105)

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Urine analysis

3-Hydroxy-3-methylglutaric aciduria; Organic acids; Gas chromatography-mass spectrometry; Silylation; Derivatization; Cot death (Mills, G.A. (204) 131)

Urine, blood analysis

Thallium determination; Palladium chemical modification; Graphite furnace atomic absorption spectrometry; Sodium chloride interference (Yang, Q. (204) 23)

Urine enzymes

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Urine protein 1

Retinol-binding protein; Renal tubular dysfunction; Particle agglutination; Sex difference (Bernard, A. (201) 231)

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V

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(Wang, J. (204) 239)

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(James, D.R. (204) 279)

VLDL-C

Bromine; Triglycerides (Corrigan, F.M. (204) 301)

W

Wheat

Celiac disease; Cellular immunity; Antibody;
Gluten; Gliadin (Penttilä, I.A. (204) 95)

Celiac disease; Cellular immunity; Antibody;
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X-linked muscular dystrophy

Cytochrome c; Respiratory chain (Nigro, G.
(202) 89)

Z

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Zinc complex

Urobilinogen (urobilin) determination; Biological sample (Kotal, P. (202) 1)

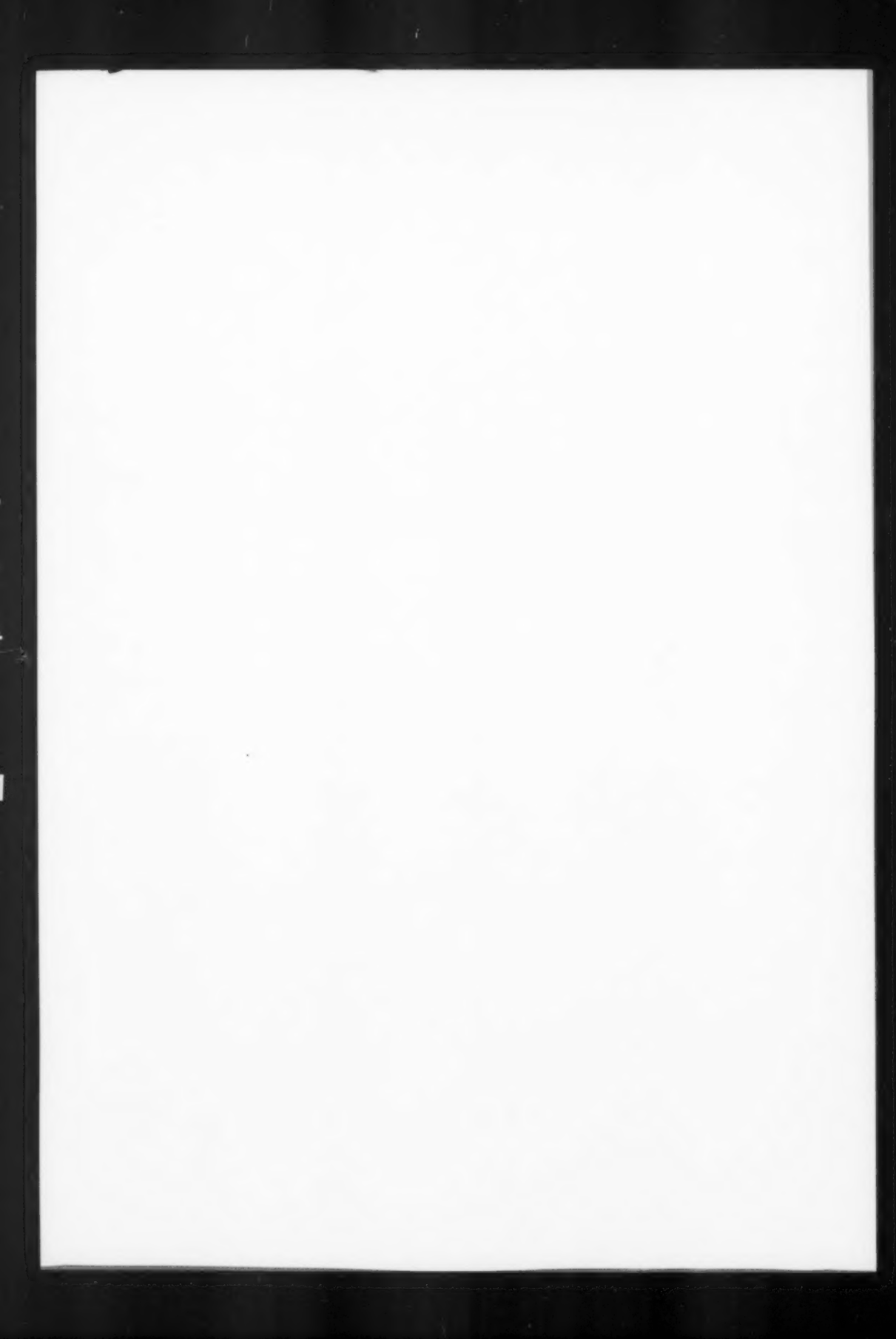
Zinc

Alzheimer's disease; Aluminum; Lipid peroxidation; Vitamin E (Haines, A. (198) 261)

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Over the years, the achievements made in image cytometry have led to an increasing interest in more general research in analytical cellular pathology and to clinical applications for the improvement of diagnosis, prognosis and treatment of pathological processes. This development, as with developments in flow cytometry and its applications are reflected in this book. This excellent collection of papers emphasizes the medical application of cytometry and provides a comprehensive overview of the state of the art in this quickly expanding field.

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